

Day : Friday
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Time: 13:57:19

Inventor Name Search Result

Your Search was:

Last Name = RAITANO

First Name = ARTHUR

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60317840</u>	Not Issued	159	09/06/2001	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	RAITANO, ARTHUR B.
<u>60316664</u>	Not Issued	159	08/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>60296656</u>	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	RAITANO, ARTHUR B.
<u>60291118</u>	Not Issued	159	05/15/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	RAITANO, ARTHUR B.
<u>60162610</u>	Not Issued	159	10/28/1999	DIAGNOSIS AND THERAPY OF PROSTATE CANCER USING SGP28 AS TARGET	RAITANO, ARTHUR B.
<u>10649110</u>	Not Issued	019	01/01/0001	PHLIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER	RAITANO, ARTHUR B.
<u>10649010</u>	Not Issued	019	08/26/2003	PTANS: TESTIS-SPECIFIC PROTEINS EXPRESSED IN PROSTATE CANCER	RAITANO, ARTHUR B.
<u>10641633</u>	Not Issued	019	08/15/2003	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 273P4B7 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10415014</u>	Not	020	10/27/2003	NUCLEIC ACID AND	RAITANO,

	Issued			CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	ARTHUR B.
<u>10306631</u>	Not Issued	030	11/27/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 24P4C12 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10291241</u>	Not Issued	030	11/07/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10285045</u>	Not Issued	030	10/30/2002	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	RAITANO, ARTHUR B.
<u>10284660</u>	Not Issued	030	10/30/2002	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	RAITANO, ARTHUR B.
<u>10283903</u>	Not Issued	030	10/29/2002	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	RAITANO, ARTHUR B.
<u>10283722</u>	Not Issued	030	10/29/2002	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	RAITANO, ARTHUR B.
<u>10280711</u>	Not Issued	019	10/25/2002	NUCLEIC ACID AND ENCODED ZINC TRANSPORTER PROTEIN ENTITLED 108P5H8 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10280340</u>	Not Issued	030	10/25/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	RAITANO, ARTHUR B.
<u>10277292</u>	Not Issued	030	10/21/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	RAITANO, ARTHUR B.
<u>10236878</u>	Not	030	09/06/2002	NUCLEIC ACID AND	RAITANO,

	Issued			CORRESPONDING PROTEIN ENTITLED STEAP-1 USEFUL IN TREATMENT AND DETECTION OF CANCER	ARTHUR B.
<u>10120835</u>	Not Issued	030	04/09/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10099460</u>	Not Issued	030	03/13/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 125P5C8 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10087190</u>	Not Issued	030	02/28/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P1F1 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10062109</u>	Not Issued	030	01/31/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10024652</u>	Not Issued	030	12/17/2001	NUCLEIC ACID AND ENCODED ZINC TRANSPORTER PROTEIN ENTITLED 108P5H8 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10013312</u>	Not Issued	030	12/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 193P1E1B USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10011095</u>	Not Issued	041	12/06/2001	ANTIBODIES IMMUNOSPECIFIC FOR STEAP1	RAITANO, ARTHUR B.
<u>10010667</u>	Not Issued	041	12/06/2001	PEPTIDES DERIVED FROM STEAP1	RAITANO, ARTHUR B.
<u>10005480</u>	Not Issued	030	11/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>10001469</u>	Not Issued	041	10/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN	RAITANO, ARTHUR B.

				ENTITLED 101P3A41 USEFUL IN TREATMENT AND DETECTION OF CANCER	
<u>09942052</u>	Not Issued	041	08/28/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 85P1B3 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>09935430</u>	Not Issued	071	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	RAITANO, ARTHUR B.
<u>09935384</u>	Not Issued	161	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1H4 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	RAITANO, ARTHUR B.
<u>09932414</u>	Not Issued	160	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED PHOR1-A11 AND PHOR1-F5D6 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>09932165</u>	Not Issued	161	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 83P2H3 AND CATRF2E11 USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>09887593</u>	Not Issued	041	06/21/2001	BPC-1: A SECRETED BRAIN-SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS	RAITANO, ARTHUR B.
<u>09881636</u>	Not Issued	120	06/13/2001	55P4H4: GENE EXPRESSED IN VARIOUS CANCERS	RAITANO, ARTHUR B.
<u>09834765</u>	Not Issued	161	04/12/2001	GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	RAITANO, ARTHUR B.
<u>09809638</u>	Not Issued	041	03/14/2001	125P5C8: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	RAITANO, ARTHUR B.
<u>09799250</u>	Not	041	03/05/2001	121P1F1: A TISSUE SPECIFIC	RAITANO,

	Issued			PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	ARTHUR B.
<u>09793451</u>	Not Issued	041	02/26/2001	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	RAITANO, ARTHUR B.
<u>09702114</u>	6566078	150	10/30/2000	SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTIC OF TUMORS SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTICS OF TUMORS	RAITANO, ARTHUR B.
<u>09698781</u>	Not Issued	061	10/27/2000	DIAGNOSIS AND THERAPY OF CANCER USING SGP28-RELATED MOLECULES	RAITANO, ARTHUR B.
<u>09697206</u>	Not Issued	061	10/26/2000	NOVEL GENE UPREGULATED IN CANCERS OF THE PROSTATE	RAITANO, ARTHUR B.
<u>09680728</u>	Not Issued	094	10/05/2000	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	RAITANO, ARTHUR B.
<u>09638203</u>	6602501	150	08/11/2000	NOVEL C-TYPE LECTIN TRANSMEMBRANE ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF.	RAITANO, ARTHUR B.
<u>09615285</u>	Not Issued	120	07/12/2000	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	RAITANO, ARTHUR B.
<u>09547789</u>	Not Issued	061	04/12/2000	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	RAITANO, ARTHUR B.
<u>09547788</u>	Not Issued	071	04/12/2000	NOVEL PROSTATE-RESTRICTED GENE EXPRESSED IN PROSTATE CANCER	RAITANO, ARTHUR B.
<u>09455486</u>	Not Issued	071	12/06/1999	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	RAITANO, ARTHUR B.
<u>09409938</u>	6652859	150	09/30/1999	PTANS: TESTIS SPECIFIC PROTEINS EXPRESSED IN	RAITANO, ARTHUR B.

				PROSTATE CANCER	
<u>09389000</u>	Not Issued	094	08/31/1999	PHLIX:A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER	RAITANO, ARTHUR B.

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<input type="text" value="Raitano"/>	<input type="text" value="Arthur"/>

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Inventor Name Search Result

Your Search was:

Last Name = AFAR

First Name = DANIEL

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60372246</u>	Not Issued	159	04/12/2002	METHODS OF DIAGNOSIS OF CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF CANCER	AFAR, DANIEL
<u>60370110</u>	Not Issued	159	04/04/2002	METHODS OF DIAGNOSIS OF PROSTATIC DISEASE, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF PROSTATIC DISEASE	AFAR, DANIEL
<u>60369899</u>	Not Issued	159	04/04/2002	METHODS OF DIAGNOSIS OF GLIOBLASTOMA, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF GLIOBLASTOMA	AFAR, DANIEL
<u>60350666</u>	Not Issued	159	11/13/2001	METHODS FOR DIAGNOSIS OF CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF CANCER	AFAR, DANIEL
<u>60300373</u>	Not Issued	159	06/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL
<u>60296656</u>	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	AFAR, DANIEL E.H.
<u>60295917</u>	Not Issued	159	06/04/2001	METHODS OF DIAGNOSIS AND TREATMENT OF	AFAR, DANIEL

				ANDROGEN-INDEPENDENT PROSTATE CANCER	
<u>60265928</u>	Not Issued	159	02/02/2001	NOVEL METHODS OF DIAGNOSIS OF BREAST CANCER, COMPOSITIONS, AND METHODS OF SCREENING FOR BREAST CANCER	AFAR, DANIEL
<u>60228432</u>	Not Issued	159	08/28/2000	85P1B3/OIP5: A TESTIS SPECIFIC GENE EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.
<u>60227098</u>	Not Issued	159	08/22/2000	NOVEL GENES EXPRESSED IN BLADDER CANCER	AFAR, DANIEL E. H.
<u>60226329</u>	Not Issued	159	08/17/2000	CALCIUM TRANSPORTER PROTEINS EXPRESSED IN PROSTATE	AFAR, DANIEL E.H.
<u>60226241</u>	Not Issued	159	08/17/2000	IDENTIFICATION OF PROSTATE HOMOLOGUES OF OLFACTORY RECEPTOR FAMILY MEMBERS	AFAR, DANIEL E.H.
<u>60218856</u>	Not Issued	159	07/13/2000	PROSTATE TUMOR SPECIFIC PROTEIN	AFAR, DANIEL E.
<u>60211454</u>	Not Issued	159	06/13/2000	55P4H4:A NOVEL GENE EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.
<u>60207138</u>	Not Issued	159	05/24/2000	HOMEODOMAIN PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL E.
<u>60196647</u>	Not Issued	159	04/12/2000	NOVEL GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL E.
<u>60184558</u>	Not Issued	159	02/24/2000	103P2D6: PROSTATE TUMOR SPECIFIC PROTEIN	AFAR, DANIEL E.
<u>60181261</u>	Not Issued	159	02/09/2000	83P5G4: NOVEL WD40 REPEAT DOMAIN PROTEIN EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.
<u>60181020</u>	Not Issued	159	02/08/2000	34P3D7: A GENE HIGHLY EXPRESSED IN ADVANCED PROSTATE CANCER	AFAR, DANIEL E.
<u>60178560</u>	Not Issued	159	01/26/2000	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.

<u>10649110</u>	Not Issued	019	01/01/0001	PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER	AFAR, DANIEL E.
<u>10649010</u>	Not Issued	019	08/26/2003	PTANS: TESTIS-SPECIFIC PROTEINS EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.
<u>10633486</u>	Not Issued	019	07/31/2003	DIAGNOSIS OF ZD1839 RESISTANT TUMORS	AFAR, DANIEL
<u>10603505</u>	Not Issued	019	06/24/2003	METHODS OF PROGNOSIS OF PROSTATE CANCER	AFAR, DANIEL E.H.
<u>10160233</u>	Not Issued	030	05/31/2002	METHODS OF DIAGNOSIS AND TREATMENT OF ANDROGEN-DEPENDENT PROSTATE CANCER, PROSTATE CANCER UNDERGOING ANDROGEN-WITHDRAWAL, AND ANDROGEN-INDEPENDENT PROSTATE CANCER	AFAR, DANIEL E.H.
<u>10120835</u>	Not Issued	030	04/09/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL E. H.
<u>10011095</u>	Not Issued	041	12/06/2001	ANTIBODIES IMMUNOSPECIFIC FOR STEAP1	AFAR, DANIEL E.
<u>10010667</u>	Not Issued	041	12/06/2001	PEPTIDES DERIVED FROM STEAP1	AFAR, DANIEL E.
<u>10001469</u>	Not Issued	041	10/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 101P3A41 USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL E. H.
<u>09942052</u>	Not Issued	041	08/28/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 85P1B3 USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL
<u>09935430</u>	Not Issued	071	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	AFAR, DANIEL E.H.
<u>09935384</u>	Not	161	08/22/2001	NUCLEIC ACID AND	AFAR, DANIEL E.

	Issued			CORRESPONDING PROTEIN NAMED 158P1H4 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	H.
<u>09932165</u>	Not Issued	161	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 83P2H3 AND CATRF2E11 USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL E.H.
<u>09887593</u>	Not Issued	041	06/21/2001	BPC-1: A SECRETED BRAIN-SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS	AFAR, DANIEL E.
<u>09881636</u>	Not Issued	120	06/13/2001	55P4H4: GENE EXPRESSED IN VARIOUS CANCERS	AFAR, DANIEL E.H.
<u>09866359</u>	Not Issued	161	05/24/2001	98P7C3: HOMEODOMAIN PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	AFAR, DANIEL E.H.
<u>09834765</u>	Not Issued	161	04/12/2001	GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	AFAR, DANIEL E.H.
<u>09809638</u>	Not Issued	041	03/14/2001	125P5C8: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	AFAR, DANIEL E.H.
<u>09806352</u>	Not Issued	041	07/03/2001	METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND THERAPY OF PROSTATE CANCER	AFAR, DANIEL E.
<u>09793451</u>	Not Issued	041	02/26/2001	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	AFAR, DANIEL E.H.
<u>09779308</u>	Not Issued	161	02/08/2001	34P3D7: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.H.
<u>09771312</u>	Not Issued	018	01/26/2001	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTIEEN HIGHLY EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.H.
<u>09702114</u>	<u>6566078</u>	150	10/30/2000	SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTIC OF TUMORS SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTICS OF	AFAR, DANIEL E.H.

				TUMORS	
09698781	Not Issued	061	10/27/2000	DIAGNOSIS AND THERAPY OF CANCER USING SGP28-RELATED MOLECULES	AFAR, DANIEL E.H.
09697206	Not Issued	061	10/26/2000	NOVEL GENE UPREGULATED IN CANCERS OF THE PROSTATE	AFAR, DANIEL E.H.
09680728	Not Issued	094	10/05/2000	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	AFAR, DANIEL E. H.
09638203	6602501	150	08/11/2000	NOVEL C-TYPE LECTIN TRANSMEMBRANE ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF.	AFAR, DANIEL E. H.
09615285	Not Issued	120	07/12/2000	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	AFAR, DANIEL E. H.
09547789	Not Issued	061	04/12/2000	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.
09547788	Not Issued	071	04/12/2000	NOVEL PROSTATE-RESTRICTED GENE EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.
09409938	6652859	150	09/30/1999	PTANS: TESTIS SPECIFIC PROTEINS EXPRESSED IN PROSTATE CANCER	AFAR, DANIEL E.

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Inventor Name Search Result

Your Search was:

Last Name = JAKOBOVITS

First Name = AYA

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
60317840	Not Issued	159	09/06/2001	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	JAKOBOVITS, AYA
60316664	Not Issued	159	08/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
60308655	Not Issued	159	07/27/2001	ISOLATION OF MEMBRANE BOUND LIGAND-SPECIFIC COMPLEXES	JAKOBOVITS, AYA
60300373	Not Issued	159	06/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
60296656	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	JAKOBOVITS, AYA
60291118	Not Issued	159	05/15/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	JAKOBOVITS, AYA
60286630	Not Issued	159	04/25/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA
60283112	Not Issued	159	04/10/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA

<u>60282739</u>	Not Issued	159	04/10/2001	TISSUE SPECIFIC PROTEINS HIGHLY EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA
<u>60256210</u>	Not Issued	159	12/15/2000	ZINC TRANSPORTER PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	JAKOBOVITS, AYA
<u>60227098</u>	Not Issued	159	08/22/2000	NOVEL GENES EXPRESSED IN BLADDER CANCER	JAKOBOVITS, AYA
<u>60226329</u>	Not Issued	159	08/17/2000	CALCIUM TRANSPORTER PROTEINS EXPRESSED IN PROSTATE	JAKOBOVITS, AYA
<u>10719006</u>	Not Issued	019	11/20/2003	PRODUCTION OF A MULTIMERIC PROTEIN BY CELL FUSION METHOD	JAKOBOVITS, AYA
<u>10658521</u>	Not Issued	018	01/01/0001	HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE	JAKOBOVITS, AYA
<u>10641633</u>	Not Issued	019	08/15/2003	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 273P4B7 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>10415014</u>	Not Issued	020	10/27/2003	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>10121024</u>	Not Issued	020	04/10/2002	NUCLEIC ACIDS AND CORRESPONDING PROTEINS USEFUL IN THE DETECTION AND TREATMENT OF VARIOUS CANCERS	JAKOBOVITS, AYA
<u>10114669</u>	Not Issued	030	04/01/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 238P1B2 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>10013312</u>	Not Issued	030	12/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 193P1E1B USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>10005480</u>	Not Issued	030	11/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B	JAKOBOVITS, AYA

				USEFUL IN TREATMENT AND DETECTION OF CANCER	
<u>10001469</u>	Not Issued	041	10/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 101P3A41 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>09945387</u>	6677138	150	08/30/2001	PRODUCTION OF A MULTIMERIC PROTEIN BY CELL FUSION METHOD	JAKOBOVITS, AYA
<u>09942052</u>	Not Issued	041	08/28/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 85P1B3 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>09935430</u>	Not Issued	071	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	JAKOBOVITS, AYA
<u>09935384</u>	Not Issued	161	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1H4 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	JAKOBOVITS, AYA
<u>09934773</u>	Not Issued	061	08/21/2001	PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF	JAKOBOVITS, AYA
<u>09932414</u>	Not Issued	160	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED PHOR1-A11 AND PHOR1-F5D6 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>09932166</u>	Not Issued	061	08/17/2001	ISOLATION OF MEMBRANE BOUND LIGAND-SPECIFIC COMPLEXES	JAKOBOVITS, AYA
<u>09932165</u>	Not Issued	161	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 83P2H3 AND CATRF2E11 USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>09887593</u>	Not	041	06/21/2001	BPC-1: A SECRETED BRAIN-	JAKOBOVITS, AYA

	Issued			SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS	
<u>09881636</u>	Not Issued	120	06/13/2001	55P4H4: GENE EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA
<u>09866359</u>	Not Issued	161	05/24/2001	98P7C3: HOMEODOMAIN PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA
<u>09862856</u>	Not Issued	019	05/22/2001	HUMAN MONOCLONAL ANTIBODIES TO EPIDERMAL GROWTH FACTOR RECEPTOR	JAKOBOVITS, AYA
<u>09855632</u>	Not Issued	061	05/14/2001	PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF	JAKOBOVITS, AYA
<u>09854811</u>	Not Issued	061	05/14/2001	METHODS FOR INDUCING AN IMMUNE RESPONSE TO CANCERS EXPRESSING PSCA	JAKOBOVITS, AYA
<u>09834765</u>	Not Issued	161	04/12/2001	GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	JAKOBOVITS, AYA
<u>09809638</u>	Not Issued	041	03/14/2001	125P5C8: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA
<u>09799250</u>	Not Issued	041	03/05/2001	121P1F1: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	JAKOBOVITS, AYA
<u>09779308</u>	Not Issued	161	02/08/2001	34P3D7: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	JAKOBOVITS, AYA
<u>09771312</u>	Not Issued	018	01/26/2001	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTIEIN HIGHLY EXPRESSED IN PROSTATE CANCER	JAKOBOVITS, AYA
<u>09718717</u>	Not Issued	041	11/22/2000	GENERATION OF LARGE GENOMIC DNA DELETIONS	JAKOBOVITS, AYA
<u>09702114</u>	<u>6566078</u>	150	10/30/2000	SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTIC OF	JAKOBOVITS, AYA

				TUMORS SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTICS OF TUMORS	
<u>09698781</u>	Not Issued	061	10/27/2000	DIAGNOSIS AND THERAPY OF CANCER USING SGP28- RELATED MOLECULES	JAKOBOVITS, AYA
<u>09697206</u>	Not Issued	061	10/26/2000	NOVEL GENE UPREGULATED IN CANCERS OF THE PROSTATE	JAKOBOVITS, AYA
<u>09680728</u>	Not Issued	094	10/05/2000	NOVEL G PROTEIN- COUPLED RECEPTOR UP- REGULATED IN PROSTATE CANCER AND USES THEREOF	JAKOBOVITS, AYA
<u>09653722</u>	Not Issued	161	09/01/2000	GENERATION OF XENOGENEIC ANTIBODIES	JAKOBOVITS, AYA
<u>09638203</u>	<u>6602501</u>	150	08/11/2000	NOVEL C-TYPE LECTIN TRANSMEMBRANE ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF.	JAKOBOVITS, AYA
<u>09615285</u>	Not Issued	120	07/12/2000	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	JAKOBOVITS, AYA
<u>09610259</u>	<u>6458592</u>	150	07/05/2000	PRODUCTION OF ANTIBODIES USING CRE- MEDIATED SITE-SPECIFIC RECOMBINATION	JAKOBOVITS, AYA
<u>09564329</u>	<u>6541212</u>	150	05/03/2000	METHODS FOR DETECTING PROSTATE STEM CELL ANTIGEN PROTEIN	JAKOBOVITS, AYA
<u>08486857</u>	<u>6075181</u>	150	06/07/1995	HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE	JAKOBOVITS, AYA

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PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = HUBERT

First Name = RENE

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60374035</u>	Not Issued	159	04/19/2002	DOMINANT-NEGATIVE OPGL THERAPEUTIC PROTEINS AND THEIR USE IN TREATING BONE DISORDERS	HUBERT, RENE S.
<u>60354647</u>	Not Issued	159	02/05/2002	METHODS FOR DETECTING INTERACTIONS BETWEEN PROTEINS AND SMALL MOLECULES	HUBERT, RENE S.
<u>60317840</u>	Not Issued	159	09/06/2001	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	HUBERT, RENE S.
<u>60316664</u>	Not Issued	159	08/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>60300373</u>	Not Issued	159	06/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>60296656</u>	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	HUBERT, RENE S.
<u>60291118</u>	Not Issued	159	05/15/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	HUBERT, RENE S.
<u>60286630</u>	Not Issued	159	04/25/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN	HUBERT, RENE S.

				VARIOUS CANCERS	
<u>60283112</u>	Not Issued	159	04/10/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN VARIOUS CANCERS	HUBERT, RENE S.
<u>60282739</u>	Not Issued	159	04/10/2001	TISSUE SPECIFIC PROTEINS HIGHLY EXPRESSED IN VARIOUS CANCERS	HUBERT, RENE S.
<u>60256210</u>	Not Issued	159	12/15/2000	ZINC TRANSPORTER PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
<u>60226329</u>	Not Issued	159	08/17/2000	CALCIUM TRANSPORTER PROTEINS EXPRESSED IN PROSTATE	HUBERT, RENE S.
<u>60226241</u>	Not Issued	159	08/17/2000	IDENTIFICATION OF PROSTATE HOMOLOGUES OF OLFACTORY RECEPTOR FAMILY MEMBERS	HUBERT, RENE S.
<u>60181261</u>	Not Issued	159	02/09/2000	83P5G4: NOVEL WD40 REPEAT DOMAIN PROTEIN EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
<u>60181020</u>	Not Issued	159	02/08/2000	34P3D7: A GENE HIGHLY EXPRESSED IN ADVANCED PROSTATE CANCER	HUBERT, RENE S.
<u>60178560</u>	Not Issued	159	01/26/2000	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
<u>10649110</u>	Not Issued	019	01/01/0001	PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER	HUBERT, RENE S.
<u>10649010</u>	Not Issued	019	08/26/2003	PTANS: TESTIS-SPECIFIC PROTEINS EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
<u>10611363</u>	Not Issued	020	07/01/2003	NOVEL VARIANTS OF RANKL PROTEIN	HUBERT, RENE S.
<u>10415014</u>	Not Issued	020	10/27/2003	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>10120885</u>	Not Issued	030	04/09/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P5C5 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.

<u>10114669</u>	Not Issued	030	04/01/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 238P1B2 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>10114432</u>	Not Issued	020	04/01/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 213P1F11 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>10062109</u>	Not Issued	030	01/31/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>10013312</u>	Not Issued	030	12/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 193P1E1B USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>10011095</u>	Not Issued	041	12/06/2001	ANTIBODIES IMMUNOSPECIFIC FOR STEAP1	HUBERT, RENE S.
<u>10010667</u>	Not Issued	041	12/06/2001	PEPTIDES DERIVED FROM STEAP1	HUBERT, RENE S.
<u>10005480</u>	Not Issued	030	11/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>10001469</u>	Not Issued	041	10/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 101P3A41 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>09942052</u>	Not Issued	041	08/28/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 85P1B3 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>09935430</u>	Not Issued	071	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	HUBERT, RENE S.
<u>09935384</u>	Not	161	08/22/2001	NUCLEIC ACID AND	HUBERT, RENE S.

	Issued			CORRESPONDING PROTEIN NAMED 158P1H4 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	
<u>09932414</u>	Not Issued	160	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED PHOR1-A11 AND PHOR1-F5D6 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>09932165</u>	Not Issued	161	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 83P2H3 AND CATRF2E11 USEFUL IN TREATMENT AND DETECTION OF CANCER	HUBERT, RENE S.
<u>09887593</u>	Not Issued	041	06/21/2001	BPC-1: A SECRETED BRAIN-SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS	HUBERT, RENE S.
<u>09881636</u>	Not Issued	120	06/13/2001	55P4H4: GENE EXPRESSED IN VARIOUS CANCERS	HUBERT, RENE S.
<u>09866359</u>	Not Issued	161	05/24/2001	98P7C3: HOMEODOMAIN PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	HUBERT, RENE S.
<u>09779308</u>	Not Issued	161	02/08/2001	34P3D7: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
<u>09771312</u>	Not Issued	018	01/26/2001	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTIEN HIGHLY EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
<u>09702114</u>	6566078	150	10/30/2000	SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTIC OF TUMORS SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTICS OF TUMORS	HUBERT, RENE S.
<u>09698781</u>	Not Issued	061	10/27/2000	DIAGNOSIS AND THERAPY OF CANCER USING SGP28-RELATED MOLECULES	HUBERT, RENE S.
<u>09697206</u>	Not Issued	061	10/26/2000	NOVEL GENE UPREGULATED IN CANCERS OF THE PROSTATE	HUBERT, RENE S.

09680728	Not Issued	094	10/05/2000	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	HUBERT, RENE S.
09638203	6602501	150	08/11/2000	NOVEL C-TYPE LECTIN TRANSMEMBRANE ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF.	HUBERT, RENE S.
09615285	Not Issued	120	07/12/2000	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	HUBERT, RENE S.
09547789	Not Issued	061	04/12/2000	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
09547788	Not Issued	071	04/12/2000	NOVEL PROSTATE-RESTRICTED GENE EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
09455486	Not Issued	071	12/06/1999	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	HUBERT, RENE S.
09410901	Not Issued	161	10/02/1999	NOVEL GENE EXPRESSED IN CANCER	HUBERT, RENE S.
09409938	6652859	150	09/30/1999	PTANS: TESTIS SPECIFIC PROTEINS EXPRESSED IN PROSTATE CANCER	HUBERT, RENE S.
09389000	Not Issued	094	08/31/1999	PHELIX:A TESTIS-SPECIFIC PROTEIN EXPRESSED IN CANCER	HUBERT, RENE S.

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Inventor Name Search Result

Your Search was:

Last Name = MITCHELL

First Name = STEVE

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60535635</u>	Not Issued	020	01/12/2004	DISPOSABLE TOWELS AND BATH SETS	MITCHELL, STEVE O.
<u>60524350</u>	Not Issued	020	11/21/2003	ARTIFICIAL VERTEBRAL DISK REPLACEMENT IMPLANT WITH A SPACER AND LATERAL IMPLANT METHOD	MITCHELL, STEVE
<u>60523604</u>	Not Issued	020	11/20/2003	INTERVERTEBRAL BODY FUSION CAGE WITH KEELS AND LATERAL IMPLANTATION METHOD	MITCHELL, STEVE
<u>60517973</u>	Not Issued	020	11/06/2003	ARTIFICIAL VERTEBRAL DISK REPLACEMENT IMPLANT WITH CROSSBAR SPACER AND LATERAL IMPLANT METHOD	MITCHELL, STEVE
<u>60517791</u>	Not Issued	018	11/05/2003	ARTIFICIAL VERTEBRAL DISK REPLACEMENT IMPLANT WITH CROSSBAR SPACER AND LATERAL IMPLANT METHOD	MITCHELL, STEVE
<u>60493804</u>	Not Issued	020	08/11/2003	METHOD AND SYSTEM FOR DETECTING PATHOGENS IN TRAY-SORTED MAIL UTILIZING A FORCED-AIR FLOW	MITCHELL, STEVE S.
<u>60306262</u>	Not Issued	159	07/18/2001	SUPPLEMENTAL SPINE FIXATION DEVICE AND METHOD	MITCHELL, STEVE
<u>60296656</u>	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	MITCHELL, STEVE CHAPPELL

<u>60291118</u>	Not Issued	159	05/15/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	MITCHELL, STEVE CHAPPELL
<u>60286630</u>	Not Issued	159	04/25/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN VARIOUS CANCERS	MITCHELL, STEVE CHAPPELL
<u>60282739</u>	Not Issued	159	04/10/2001	TISSUE SPECIFIC PROTEINS HIGHLY EXPRESSED IN VARIOUS CANCERS	MITCHELL, STEVE CHAPPELL
<u>60228432</u>	Not Issued	159	08/28/2000	85P1B3/OIP5: A TESTIS SPECIFIC GENE EXPRESSED IN PROSTATE CANCER	MITCHELL, STEVE CHAPPELL
<u>60226329</u>	Not Issued	159	08/17/2000	CALCIUM TRANSPORTER PROTEINS EXPRESSED IN PROSTATE	MITCHELL, STEVE C.
<u>60220927</u>	Not Issued	159	07/26/2000	NOVEL PHOSPHOROUS-CONTAINING MONOMERS AND FLAME RETARDANT HIGH IMPACT MONOVINYLDENE AROMATIC POLYMER COMPOSITIONS DERIVED THEREFROM	MITCHELL, STEVEN R.
<u>60218856</u>	Not Issued	159	07/13/2000	PROSTATE TUMOR SPECIFIC PROTEIN	MITCHELL, STEVE
<u>60213612</u>	Not Issued	159	06/22/2000	METHOD AND APPARATUS FOR INTUBATING A PATIENT	MITCHELL, STEVE Z.
<u>60207138</u>	Not Issued	159	05/24/2000	HOMEODOMAIN PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	MITCHELL, STEVE C.
<u>60204185</u>	Not Issued	159	05/15/2000	METHOD AND APPARATUS FOR INTUBATING A PATIENT	MITCHELL, STEVE Z.
<u>60201993</u>	Not Issued	159	05/04/2000	METHOD AND APPARATUS FOR INTUBATING A PATIENT	MITCHELL, STEVE Z.
<u>60196647</u>	Not Issued	159	04/12/2000	NOVEL GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	MITCHELL, STEVE C.
<u>60184920</u>	Not Issued	159	02/25/2000	METHOD AND SYSTEM FOR MANAGING A PACKAGING OPERATION	MITCHELL, STEVEN KIM

<u>60184558</u>	Not Issued	159	02/24/2000	103P2D6: PROSTATE TUMOR SPECIFIC PROTEIN	MITCHELL, STEVE
<u>60181261</u>	Not Issued	159	02/09/2000	83P5G4: NOVEL WD40 REPEAT DOMAIN PROTEIN EXPRESSED IN PROSTATE CANCER	MITCHELL, STEVE
<u>60181020</u>	Not Issued	159	02/08/2000	34P3D7: A GENE HIGHLY EXPRESSED IN ADVANCED PROSTATE CANCER	MITCHELL, STEVE
<u>60178560</u>	Not Issued	159	01/26/2000	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	MITCHELL, STEVE
<u>29118762</u>	D443145	150	02/15/2000	LIGHT-REFLECTIVE WALL COVERING	MITCHELL, STEVEN
<u>10694103</u>	Not Issued	019	10/27/2003	INTERSPINOUS PROCESS IMPLANT WITH RADIOLUCENT SPACER AND LEAD-IN TISSUE EXPANDER	MITCHELL, STEVE
<u>10685139</u>	Not Issued	020	10/14/2003	INTERSPINOUS PROCESS AND SACRUM IMPLANT AND METHOD	MITCHELL, STEVE
<u>10685134</u>	Not Issued	019	10/14/2003	TOOLS FOR IMPLANTING AN ARTIFICIAL VERTEBRAL DISK AND METHOD	MITCHELL, STEVE
<u>10685011</u>	Not Issued	019	10/14/2003	ARTIFICIAL VERTEBRAL DISK REPLACEMENT IMPLANT WITH A SPACER AND METHOD	MITCHELL, STEVE
<u>10684669</u>	Not Issued	019	10/14/2003	ARTIFICIAL VERTEBRAL DISK REPLACEMENT IMPLANT WITH TRANSLATING PIVOT POINT AND METHOD	MITCHELL, STEVE
<u>10684668</u>	Not Issued	019	10/14/2003	ARTIFICIAL VERTEBRAL DISK REPLACEMENT IMPLANT WITH CROSSBAR SPACER AND METHOD	MITCHELL, STEVE
<u>09982418</u>	6652527	150	10/18/2001	SUPPLEMENTAL SPINE FIXATION DEVICE AND METHOD	MITCHELL, STEVE
<u>09912083</u>	6503992	150	07/24/2001	NOVEL PHOSPHORUS-CONTAINING MONOMERS AND FLAME RETARDANT HIGH IMPACT MONOVINYLDENE	MITCHELL, STEVEN R.

				AROMATIC POLYMER COMPOSITIONS DERIVED THEREFROM	
<u>09881636</u>	Not Issued	120	06/13/2001	55P4H4: GENE EXPRESSED IN VARIOUS CANCERS	MITCHELL, STEVE CHAPPELL
<u>09866359</u>	Not Issued	161	05/24/2001	98P7C3: HOMEODOMAIN PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	MITCHELL, STEVE CHAPPELL
<u>09837075</u>	6510750	150	04/18/2001	STEERING WHEEL TORQUE AND POSITION SENSOR	MITCHELL, STEVEN R.
<u>09834765</u>	Not Issued	161	04/12/2001	GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	MITCHELL, STEVE CHAPPELL
<u>09809638</u>	Not Issued	041	03/14/2001	125P5C8: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	MITCHELL, STEVE CHAPPELL
<u>09799250</u>	Not Issued	041	03/05/2001	121P1F1: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	MITCHELL, STEVE CHAPPELL
<u>09779308</u>	Not Issued	161	02/08/2001	34P3D7: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	MITCHELL, STEVE CHAPPELL
<u>09771312</u>	Not Issued	018	01/26/2001	84P2A9: A PROSTATE AND TESTIS SPECIFIC PROTIEIN HIGHLY EXPRESSED IN PROSTATE CANCER	MITCHELL, STEVE CHAPPELL
<u>09702114</u>	6566078	150	10/30/2000	SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTIC OF TUMORS SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTICS OF TUMORS	MITCHELL, STEVE CHAPPELL
<u>09698781</u>	Not Issued	061	10/27/2000	DIAGNOSIS AND THERAPY OF CANCER USING SGP28- RELATED MOLECULES	MITCHELL, STEVE CHAPPELL
<u>09697206</u>	Not Issued	061	10/26/2000	NOVEL GENE UPREGULATED IN CANCERS OF THE PROSTATE	MITCHELL, STEVE CHAPPELL
<u>09691472</u>	Not Issued	030	10/17/2000	SYSTEM AND METHOD FOR ON-LINE MANAGEMENT OF AUTOMATIC BILL PAYMENT	MITCHELL, STEVEN R.

09680728	Not Issued	094	10/05/2000	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	MITCHELL, STEVE CHAPPELL
09677436	Not Issued	094	10/03/2000	COMPUTER DISPLAY SYSTEM WITH MANUAL FAIL-SAFE BACK-UP	MITCHELL, STEVEN W.
09670338	6345577	150	09/27/2000	ENERGETIC DETERRENT COATING FOR GUN PROPELLANT	MITCHELL, STEVE
09620625	Not Issued	080	07/20/2000	SYSTEM AND METHOD FOR SPECIFICATION AND EXCHANGE MANAGEMENT	MITCHELL, STEVEN KIM
09528466	Not Issued	041	03/17/2000	PURCHASE COORDINATOR FOR ELECTRONIC COMMERCE	MITCHELL, STEVEN R.

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 PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = FARIS

First Name = MARY

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
60335698	Not Issued	159	11/01/2001	TRANSPORTERS AND ION CHANNELS	FARIS, MARY
60317840	Not Issued	159	09/06/2001	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	FARIS, MARY
60316664	Not Issued	159	08/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
60300373	Not Issued	159	06/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
60296656	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	FARIS, MARY
60295048	Not Issued	159	05/31/2001	GENES EXPRESSED IN PROSTATE CANCER	FARIS, MARY
60291118	Not Issued	159	05/15/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	FARIS, MARY
60286630	Not Issued	159	04/25/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
60283112	Not Issued	159	04/10/2001	TISSUE SPECIFIC GENES HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY

<u>60282739</u>	Not Issued	159	04/10/2001	TISSUE SPECIFIC PROTEINS HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
<u>60222469</u>	Not Issued	159	07/28/2000	PROSTATE CANCER MARKERS	FARIS, MARY
<u>60209009</u>	Not Issued	159	06/01/2000	GENES EXPRESSED IN PROSTATE CANCER	FARIS, MARY
<u>10641633</u>	Not Issued	019	08/15/2003	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 273P4B7 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10415014</u>	Not Issued	020	10/27/2003	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 205P1B5 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10291241</u>	Not Issued	030	11/07/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10283903</u>	Not Issued	030	10/29/2002	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
<u>10283722</u>	Not Issued	030	10/29/2002	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
<u>10280711</u>	Not Issued	019	10/25/2002	NUCLEIC ACID AND ENCODED ZINC TRANSPORTER PROTEIN ENTITLED 108P5H8 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10280340</u>	Not Issued	030	10/25/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	FARIS, MARY
<u>10277292</u>	Not Issued	030	10/21/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	FARIS, MARY

<u>10252157</u>	Not Issued	030	05/29/2002	GENES EXPRESSED IN PROSTATE CANCER	FARIS, MARY
<u>10236878</u>	Not Issued	030	09/06/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED STEAP-1 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10121016</u>	Not Issued	030	04/09/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 162P1E6 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10114669</u>	Not Issued	030	04/01/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 238P1B2 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10099460</u>	Not Issued	030	03/13/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 125P5C8 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10087190</u>	Not Issued	030	02/28/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P1F1 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10062109</u>	Not Issued	030	01/31/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10024652</u>	Not Issued	030	12/17/2001	NUCLEIC ACID AND ENCODED ZINC TRANSPORTER PROTEIN ENTITLED 108P5H8 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10013312</u>	Not Issued	030	12/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 193P1E1B USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>10005480</u>	Not Issued	030	11/07/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 161P2F10B USEFUL IN TREATMENT AND	FARIS, MARY

				DETECTION OF CANCER	
<u>10001469</u>	Not Issued	041	10/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 101P3A41 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>09942052</u>	Not Issued	041	08/28/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 85P1B3 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>09935430</u>	Not Issued	071	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1D7 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	FARIS, MARY
<u>09935384</u>	Not Issued	161	08/22/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN NAMED 158P1H4 USEFUL IN THE TREATMENT AND DETECTION OF BLADDER AND OTHER CANCERS	FARIS, MARY
<u>09932414</u>	Not Issued	160	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED PHOR1-A11 AND PHOR1-F5D6 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>09932165</u>	Not Issued	161	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 83P2H3 AND CATRF2E11 USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>09919172</u>	<u>6673545</u>	150	07/30/2001	PROSTATE CANCER MARKERS	FARIS, MARY
<u>09881636</u>	Not Issued	120	06/13/2001	55P4H4: GENE EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
<u>09866359</u>	Not Issued	161	05/24/2001	98P7C3: HOMEODOMAIN PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
<u>09834765</u>	Not Issued	161	04/12/2001	GTP-BINDING PROTEIN USEFUL IN TREATMENT AND DETECTION OF CANCER	FARIS, MARY
<u>09809638</u>	Not	041	03/14/2001	125P5C8: A TISSUE SPECIFIC	FARIS, MARY

	Issued			PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	
09802520	Not Issued	060	03/09/2001	STEAP-RELATED PROTEIN	FARIS, MARY
09799250	Not Issued	041	03/05/2001	121P1F1: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
09793451	Not Issued	041	02/26/2001	103P2D6: TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN VARIOUS CANCERS	FARIS, MARY
09780053	Not Issued	161	02/09/2001	83P5G4: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	FARIS, MARY
09779308	Not Issued	161	02/08/2001	34P3D7: A TISSUE SPECIFIC PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER	FARIS, MARY
09702114	6566078	150	10/30/2000	SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTIC OF TUMORS SECRETED PROTEIN CALLED 36P6D5 CHARACTERISTICS OF TUMORS	FARIS, MARY
09698781	Not Issued	061	10/27/2000	DIAGNOSIS AND THERAPY OF CANCER USING SGP28- RELATED MOLECULES	FARIS, MARY
09680728	Not Issued	094	10/05/2000	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	FARIS, MARY
09653119	6544742	150	08/31/2000	DETECTION OF GENES REGULATED BY EGF IN BREAST CANCER	FARIS, MARY
09615285	Not Issued	120	07/12/2000	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	FARIS, MARY

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Inventor Name Search Result

Your Search was:

Last Name = SAFFRAN

First Name = DOUGLAS

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
60296656	Not Issued	159	06/06/2001	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	SAFFRAN, DOUGLAS C.
60291118	Not Issued	159	05/15/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	SAFFRAN, DOUGLAS C.
60087611	Not Issued	159	06/02/1998	PROSTATE CANCER DIAGNOSIS AND THERAPY USING HEPATOCYTE GROWTH FACTOR ACTIVATOR INHIBITOR	SAFFRAN, DOUGLAS C.
60087610	Not Issued	159	06/02/1998	28P3E1 GENE AND PROSTATE CANCER DIAGNOSTIC AND THERAPEUTIC METHODS USING SAME	SAFFRAN, DOUGLAS C.
60087603	Not Issued	159	06/01/1998	PROSTATE CANCER DIAGNOSIS AND THERAPY USING MAGE6	SAFFRAN, DOUGLAS C.
60087601	Not Issued	159	06/01/1998	30P3G3: A NOVEL ANDROGEN-INDEPENDENT PROSTATE CANCER SPECIFIC GENE	SAFFRAN, DOUGLAS C.
60087599	Not Issued	159	06/01/1998	A NOVEL GENE PREDOMINANTLY EXPRESSED IN PROSTATE	SAFFRAN, DOUGLAS C.
60087598	Not Issued	159	06/01/1998	PROSTATE CANCER DIAGNOSIS AND THERAPY USING TMPRSS2	SAFFRAN, DOUGLAS C.
60087562	Not Issued	159	06/01/1998	10P4B4: A NOVEL ANDROGEN-INDEPENDENT PROSTATE CANCER SPECIFIC	SAFFRAN, DOUGLAS C.

				GENE	
<u>60087520</u>	Not Issued	159	06/01/1998	8P1D4 GENE AND PROSTATE CANCER DIAGNOSTIC AND THERAPEUTIC METHODS USING SAME	SAFFRAN , DOUGLAS C.
<u>60087519</u>	Not Issued	159	06/11/1998	8P2G11 GENE AND PROSTATE CANCER DIAGNOSTIC AND THERAPEUTIC METHODS USING SAME	SAFFRAN , DOUGLAS C.
<u>60085720</u>	Not Issued	159	05/15/1998	PROSTAPIN: A NOVEL PROSTATE SPECIFIC GENE'	SAFFRAN , DOUGLAS C.
<u>60085719</u>	Not Issued	159	05/15/1998	11P2H5: A NOVEL PROSTATE TUMOR ANTIGEN	SAFFRAN , DOUGLAS C.
<u>60080170</u>	Not Issued	159	03/31/1998	NOVEL PROSTATE SPECIFIC GENE UP-REGULATED IN ANDROGEN INDEPENDENT PROSTATE CANCER	SAFFRAN , DOUGLAS C.
<u>60080169</u>	Not Issued	159	03/31/1998	11P2H5: A NOVEL PROSTATE TUMOR ANTIGEN	SAFFRAN , DOUGLAS C.
<u>60080168</u>	Not Issued	159	03/31/1998	PP1E8: A NOVEL PROSTATE-SPECIFIC GENE DOWN-REGULATED IN PROSTATE CANCER	SAFFRAN , DOUGLAS C.
<u>60080167</u>	Not Issued	159	03/31/1998	NOVEL PROSTATE SPECIFIC GENE	SAFFRAN , DOUGLAS C.
<u>10446542</u>	Not Issued	030	05/27/2003	PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>10408009</u>	Not Issued	030	04/04/2003	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREFOR	SAFFRAN, DOUGLAS C.
<u>10374381</u>	Not Issued	030	02/25/2003	PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>10285045</u>	Not Issued	030	10/30/2002	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	SAFFRAN, DOUGLAS C.
<u>10284660</u>	Not Issued	030	10/30/2002	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	SAFFRAN, DOUGLAS C.
<u>10225784</u>	Not	041	08/21/2002	PSCA PROSTATE STEM CELL	SAFFRAN,

	Issued			ANTIGEN AND USES THEREOF	DOUGLAS C.
<u>10225779</u>	Not Issued	071	08/21/2002	PSCA: PROSTATE STEM CELL ANTIGEN	SAFFRAN, DOUGLAS C.
<u>10224720</u>	Not Issued	041	08/20/2002	PSCA: PROSTATE STEM CELL ANITGEN AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>10165044</u>	Not Issued	030	06/06/2002	SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	SAFFRAN, DOUGLAS
<u>10147368</u>	Not Issued	041	05/15/2002	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 101P3A11 OR PHOR-1 USEFUL IN TREATMENT AND DETECTION OF CANCER	SAFFRAN, DOUGLAS
<u>10120835</u>	Not Issued	030	04/09/2002	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER	SAFFRAN, DOUGLAS
<u>10017066</u>	Not Issued	071	12/14/2001	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>10011095</u>	Not Issued	041	12/06/2001	ANTIBODIES IMMUNOSPECIFIC FOR STEAP1	SAFFRAN, DOUGLAS C.
<u>10010667</u>	Not Issued	041	12/06/2001	PEPTIDES DERIVED FROM STEAP1	SAFFRAN, DOUGLAS C.
<u>10001469</u>	Not Issued	041	10/31/2001	NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 101P3A41 USEFUL IN TREATMENT AND DETECTION OF CANCER	SAFFRAN, DOUGLAS C.
<u>09934773</u>	Not Issued	061	08/21/2001	PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>09932165</u>	Not Issued	161	08/17/2001	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 83P2H3 AND CATRF2E11 USEFUL IN TREATMENT AND DETECTION OF CANCER	SAFFRAN, DOUGLAS

<u>09887593</u>	Not Issued	041	06/21/2001	BPC-1: A SECRETED BRAIN-SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS	SAFFRAN, DOUGLAS C.
<u>09855632</u>	Not Issued	061	05/14/2001	PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>09854811</u>	Not Issued	061	05/14/2001	METHODS FOR INDUCING AN IMMUNE RESPONSE TO CANCERS EXPRESSING PSCA	SAFFRAN, DOUGLAS C.
<u>09680728</u>	Not Issued	094	10/05/2000	NOVEL G PROTEIN-COUPLED RECEPTOR UP-REGULATED IN PROSTATE CANCER AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>09615285</u>	Not Issued	120	07/12/2000	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	SAFFRAN, DOUGLAS
<u>09564329</u>	<u>6541212</u>	150	05/03/2000	METHODS FOR DETECTING PROSTATE STEM CELL ANTIGEN PROTEIN	SAFFRAN, DOUGLAS C
<u>09547789</u>	Not Issued	061	04/12/2000	NOVEL 13-TRANSMEMBRANE PROTEIN EXPRESSED IN PROSTATE CANCER	SAFFRAN, DOUGLAS C.
<u>09547788</u>	Not Issued	071	04/12/2000	NOVEL PROSTATE-RESTRICTED GENE EXPRESSED IN PROSTATE CANCER	SAFFRAN, DOUGLAS C.
<u>09455486</u>	Not Issued	071	12/06/1999	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	SAFFRAN, DOUGLAS C.
<u>09374135</u>	<u>6277972</u>	150	08/10/1999	BPC-1: A SECRETED BRAIN-SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS	SAFFRAN, DOUGLAS C.
<u>09323873</u>	<u>6329503</u>	150	06/01/1999	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF	SAFFRAN, DOUGLAS C.

09323597	Not Issued	120	06/01/1999	NOVEL TUMOR ANTIGEN USEFUL IN DIAGNOSIS AND THERAPY OF PROSTATE AND COLON CANCER	SAFFRAN , DOUGLAS C.
09283949	Not Issued	160	04/01/1999	NOVEL PROSTATE TUMOR SPECIFIC CDNA	SAFFRAN , DOUGLAS C.
09283946	Not Issued	161	03/31/1999	PROSTAPIN GENE AND PROTEIN AND USES THEREOF	SAFFRAN , DOUGLAS C.
08391615	5550054	150	02/21/1995	HEMATOPOIETIC RESTRICTED TYROSINE KINASE (BPK)	SAFFRAN , DOUGLAS
08006449	Not Issued	166	01/21/1993	HEMATOPOIETIC RESTRICTED TYROSINE KINASE (BPK)	SAFFRAN , DOUGLAS
07985998	Not Issued	161	12/04/1992	HEMATOPOIETIC RESTRICTED TYROSINE KINASE (BPK)	SAFFRAN , DOUGLAS

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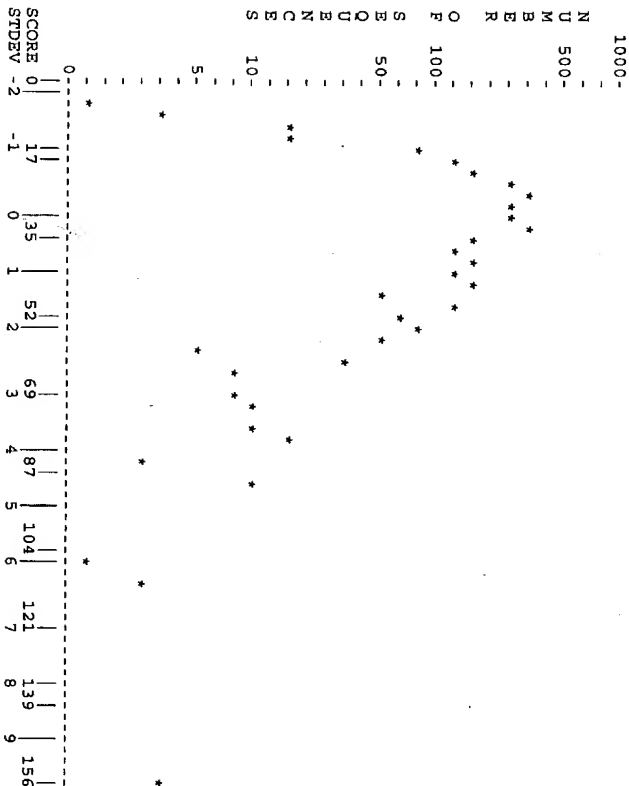
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Results file us-09-759-143-916-inv.res made by mrh1 on Fri 20 Feb 104 12:33:59-EST.

Query sequence being compared: US-09-759-143-916' (1-1302)
Number of sequences searched: 2632
Number of scores above cutoff: 2632

Results of the initial comparison of US-09-759-143-916' (1-1302) with:
File: cat.seq



PARAMETERS

Similarity matrix: Unitary 1
Mismatch penalty: 1.00
Gap size penalty: 0.33
Cutoff score: 0
Randomization group: 0

SEARCH STATISTICS

Scores: Mean 34 Median 33 Standard Deviation 12.84
Times: CPU 00:00:03.00 Total Elapsed 00:00:03.00

Number of residues: 1293930
Number of sequences searched: 2632
Number of scores above cutoff: 2632

The scores below are sorted by initial score.
Significance is calculated based on initial score.
A 100% identical sequence to the query sequence was not found.

The list of best scores is:

Sequence Name	Description	Length	Score	Init. Opt.	Sig.	Frame
1. US-09-288-946-35	Sequence 352, Application 251	156	164	9.50	0	
2. US-09-352-616A-3	Sequence 352, Application 251	156	164	9.50	0	
3. US-09-439-313-35	Sequence 352, Application 251	156	164	9.50	0	
4. US-09-352-616A-4	Sequence 469, Application 2229	110	563	5.92	0	
5. US-09-439-313-46	Sequence 469, Application 2229	110	563	5.92	0	
6. US-09-232-149A-1	Sequence 14, Application 816	107	199	5.68	0	
7. US-09-288-946-10	Sequence 106, Application 473	90	208	4.36	0	
8. US-09-115-453-10	Sequence 106, Application 473	90	208	4.36	0	
9. US-09-159-812-10	Sequence 106, Application 473	90	208	4.36	0	
10. US-09-232-149A-1	Sequence 106, Application 473	90	208	4.36	0	
11. US-09-352-616A-1	Sequence 106, Application 473	90	208	4.36	0	
12. US-09-439-313-10	Sequence 106, Application 473	90	208	4.36	0	
13. US-09-030-607-10	Sequence 106, Application 473	90	208	4.36	0	
14. US-09-020-956-10	Sequence 106, Application 473	90	208	4.36	0	
15. US-09-352-616A-4	Sequence 470, Application 2426	89	453	4.28	0	
16. US-09-439-313-47	Sequence 470, Application 2426	89	453	4.28	0	
17. US-09-352-616A-3	Sequence 396, Application 403	84	170	3.89	0	
18. US-09-439-313-39	Sequence 396, Application 403	84	170	3.89	0	
19. US-09-288-946-14	Sequence 14, Application 816	80	199	3.58	0	
20. US-08-904-804-14	Sequence 14, Application 816	80	199	3.58	0	
21. US-08-806-099-14	Sequence 14, Application 816	80	199	3.58	0	
22. US-09-115-453-14	Sequence 14, Application 816	80	199	3.58	0	
23. US-09-159-812-14	Sequence 14, Application 816	80	199	3.58	0	
24. US-09-352-616A-1	Sequence 14, Application 816	80	199	3.58	0	
25. US-09-439-313-14	Sequence 14, Application 816	80	199	3.58	0	
26. US-09-030-607-14	Sequence 14, Application 816	80	199	3.58	0	
27. US-09-020-956-14	Sequence 14, Application 816	80	199	3.58	0	
28. US-09-288-946-33	Sequence 335, Application 2984	80	539	3.58	0	
29. US-09-232-149A-3	Sequence 335, Application 2984	80	539	3.58	0	
30. US-09-352-616A-3	Sequence 335, Application 2984	80	539	3.58	0	
31. US-09-439-313-33	Sequence 335, Application 2984	80	539	3.58	0	
32. US-09-288-946-63	Sequence 69, Application 536	77	233	3.35	0	
33. US-08-904-804-63	Sequence 69, Application 536	77	233	3.35	0	
34. US-09-115-453-63	Sequence 69, Application 536	77	233	3.35	0	
35. US-09-159-812-63	Sequence 69, Application 536	77	233	3.35	0	
36. US-09-232-149A-6	Sequence 69, Application 536	77	233	3.35	0	
37. US-09-352-616A-6	Sequence 69, Application 536	77	233	3.35	0	
38. US-09-439-313-69	Sequence 69, Application 536	77	233	3.35	0	
39. US-09-030-607-69	Sequence 69, Application 536	77	233	3.35	0	
40. US-09-020-956-69	Sequence 69, Application 536	77	233	3.35	0	
41. US-09-352-616A-4	Sequence 431, Application 332	72	118	2.96	0	
42. US-09-439-313-43	Sequence 431, Application 332	72	118	2.96	0	
43. US-09-288-946-16	Sequence 164, Application 469	72	209	2.96	0	
44. US-09-115-453-16	Sequence 164, Application 469	72	209	2.96	0	
45. US-09-159-812-16	Sequence 164, Application 469	72	209	2.96	0	
46. US-09-232-149A-1	Sequence 164, Application 469	72	209	2.96	0	
47. US-09-352-616A-1	Sequence 164, Application 469	72	209	2.96	0	
48. US-09-439-313-16	Sequence 164, Application 469	72	209	2.96	0	
49. US-09-030-607-16	Sequence 164, Application 469	72	209	2.96	0	

1. US-09-759-143-916' (1-1302)
US-09-288-946-35 Sequence 352, Application US/09288946
Sequence 352, Application US/09288946

5. US-09-759-143-916' (1-1302)
US-09-439-313-46 Sequence 469, Application US/09439313

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Sequence 469, Application US/09439913
Patent No. 6139505

GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang Yuqi
APPLICANT: Reed, Steven G.
APPLICANT: Kalos, Michael
APPLICANT: Fanger, Gary
APPLICANT: Retter, Mark
APPLICANT: Solk, John
APPLICANT: Day, Craig

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 575

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 469
LENGTH: 2229
TYPE: DNA
ORGANISM: Homo sapiens

Initial Score = 110 Optimized Score = 563 Significance = 5.32
Residue Identity = 48% Matches = 682 Mismatches = 549
Gaps = 171 Conservative Substitutions = 0

```

AGAAGGATATATGTAATGCTCAGCATCATGTTCAAGCAATTCAGTTAGATTGTTGTTGTCACAGGAGGCT
510 520 530 540 550 560 570

[illegible][illegible]

GTAGAAATGGGAAAGGATATTTGAGCGCGAGAAAGGGCAGCTCTCTTGATATAGAACAGAGAAAGGGGTGCCATCG
 GCA-----GGCGCAGATCTT-GACCTCTGCGCCCGTGGTTATCTCTT-CCCGAG-CTTGGCTGCC-TGAA
 1260 1270 1280 1290 1300 1310
 760 770 780 790 800 810 820
 TGCAGCCCGCCGACCGACAGCCACACCAATTTTGGTGAACAGCAGGACCAAGTAAAGTCT-GTGGCATTGCC

GTATGGATATGGGAAAGATATTGGAGCGGCGAGAGGGCAGCTGCTTGATTAAGAACAAGAGGGGTGCCATCAG
 GCA-----GGCCGAATCCT-GACCCCTGCCCCGTGTATCTCT--CCCAAG-CTTGCTGCC-TCAT

[illegible][illegible]

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534-----GGGAGAACTT-GACCCCTCGCCCGTGGTAACTCCCT--CCCCAG-CTTGGCTGCC-TCAT

1260 1270 1280 1290 1300 1310

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

760	770	780	800	810	820
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[illegible]

TCGAGCCCGCCGACCAACGACGCCCTCCATTTTGGTGAACCGAGGCAACGTAAGTACT-CTGGCATGGC

1000

GTCATCACAGTATTCCATTCTTTGCGCATGTCTTTGGTAGGCCA-TTCGA-GATTATCTCCTCAACCTTGTA

[illegible]

1320
1330
1340
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1370
1380

```

LENGTH: 816
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)..' (816)
OTHER INFORMATION: n = A,T,C or G

```

APPLICANT: XU, JIANGCHUN
APPLICANT: Dillon, Devin C.
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.427C7
CURRENT APPLICATION NUMBER: US/09/288,946
CURRENT FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 381
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 106

LENGTH: 473
TYPE: DNA
ORGANISM: Homo sapien

Initial Score = 90 Optimized Score = 208 Significance = 4.36
Residue Identity = 50% Matches = 260 Mismatches = 182
Gaps = 77 Conservative Substitutions = 0

```

GCATGGTAATAAGAAAGTAATACCTCAACCAACCTAGTACGGGTATATATATATAGTACAA
          20      30      40      50      60      70      80
          |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
          TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
          X      X      X      X      X      X      X      X      X      X
          10      20      30      40      50      60      70      80
90  GAAACAAAGAAAGAAATATATATGAAAAATGAGATTCCCAACCAAGTTCATATTGAAAGATCTG--A
100  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
110  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
120  G-TTCTATTTTATTTA--ATTAAAGCTTG--TC--A-----TTTCATTATTA--GCTTCGCA
130  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
140  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
150  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
160  GTT--GTAATTTTATTAAGAAATTTTCTGAAATCTG--CTTCCAAATGT----TAACATTAAA
170  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
180  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
190  CTTACATATTTAATTAAGAAACGTTT--AGCACTGTACAAATTTATTAATTAAGTGCATTATG
200  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
210  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
220  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
230  TCTGAATCAGAGACTC--TGAATGAAAAAGATTGATCTACAGACCTAGAGGCTCTGAAGCGTGTG
240  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
250  AGT--AAT--ATATTCCTCAAGAGTGTGATGTGCCCTT--CTC--CCACCACTATATGAACGCAACATTAGT--
260  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
270  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
280  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
290  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
300  CCACATGGAAGAGTCAAGAGATGCCCTG--TCAATCTC--CTTGTCTTCACTCCATAGACATTTG--GGTTGA
310  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
320  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
330  TTAATTTTATTAGTGA--TATACACTGTGCAACGCTAATTCCTT--CTCCATCCCAATGATATTTGT
340  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
350  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
360  GCACAGAG--GAACACGAG--ATAGAT--ATTGCCAAGAT--GACGGGAGGGGAGAGTCAAGC--CGCTT--
370  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
380  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
390  GATATGTGTAGTGTGTAGATGATCACAATCTACATCAACAGCAAGATGA--AGCTAGGCTGGGCTTTC
400  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
410  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
420  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
430  GCTAAGCGATGACCAAG--GAC--AATCCATGAAGGTACATAGATATTAACACAGCACACATGA
440  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
450  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
460  GGTGA--AATGACTGTGTCTGTGATCAAAATGATCTG--ACCTATCCTCGGTGGCAAGACTC--TTC
470  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
480  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
490  GAGAGCAAGTGC--CAATGCTTGGCTGGCTTCAAGTCTCAAGCCCAACAGCTTTAAGATTAAGCAG
500  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
510  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
520  GAACGCG--TTCTTCAAGGC---GC-T--GCCACATTGTGGCTTTTGCACTTGTTCAAA
530  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
540  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
550  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
560  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
570  ATATGAGAAAGAGATGAGATGAGTCAAGCCCAATGGCGAG
580  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
590  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
600  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

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8. US-09-759-143-916' (1-1302)
US-09-115-453-10 Sequence 106, Application US/09115453B

Sequence 106, Application US/09115453B
Patent No. 6657056
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND
FILE REFERENCE: 210121.427C4
CURRENT APPLICATION NUMBER: US/09/115,453B
CURRENT FILING DATE: 1998-07-14

NUMBER OF SEQ ID NOS: 228
SOFTWARE: FastSeq For Windows Version 3.0
SEQ ID NO 106
LENGTH: 473
TYPE: DNA
ORGANISM: Homo sapien

Initial Score = 90 Optimized Score = 208 Significance = 4.36
Residue Identity = 50% Matches = 260 Mismatches = 182
Gaps = 77 Conservative Substitutions = 0

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GCATGGTAATAAGAAAGTAATACCTCAACCAACCTAGTACGGGTATATATATATAGTACAA
          20      30      40      50      60      70      80
          |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
          TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT
          X      X      X      X      X      X      X      X      X      X
          10      20      30      40      50      60      70      80
90  GAAACAAAGAAAGAAATATATATGAAAAATGAGATTCCCAACCAAGTTCATATTGAAAGATCTG--A
100  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
110  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
120  G-TTCTATTTTATTTA--ATTAAAGCTTG--TC--A-----TTTCATTATTA--GCTTCGCA
130  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
140  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
150  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
160  GTT--GTAATTTTATTAAGAAATTTTCTGAAATCTG--CTTCCAAATGT----TAACATTAAA
170  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
180  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
190  CTTACATATTTAATTAAGAAACGTTT--AGCACTGTACAAATTTATTAATTAAGTGCATTATG
200  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
210  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
220  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
230  TCTGAATCAGAGACTC--TGAATGAAAAAGATTGATCTACAGACCTAGAGGCTCTGAAGCGTGTG
240  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
250  AGT--AAT--ATATTCCTCAAGAGTGTGATGTGCCCTT--CTC--CCACCACTATATGAACGCAACATTAGT--
260  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
270  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
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290  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
300  CCACATGGAAGAGTCAAGAGATGCCCTG--TCAATCTC--CTTGTCTTCACTCCATAGACATTTG--GGTTGA
310  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
320  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
330  TTAATTTTATTAGTGA--TATACACTGTGCAACGCTAATTCCTT--CTCCATCCCAATGATATTTGT
340  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
350  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
360  GCACAGAG--GAACACGAG--ATAGAT--ATTGCCAAGAT--GACGGGAGGGGAGAGTCAAGC--CGCTT--
370  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
380  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
390  GATATGTGTAGTGTGTAGATGATCACAATCTACATCAACAGCAAGATGA--AGCTAGGCTGGGCTTTC
400  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
410  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
420  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
430  GCTAAGCGATGACCAAG--GAC--AATCCATGAAGGTACATAGATATTAACACAGCACACATGA
440  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
450  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
460  GGTGA--AATGACTGTGTCTGTGATCAAAATGATCTG--ACCTATCCTCGGTGGCAAGACTC--TTC
470  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
480  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
490  GAGAGCAAGTGC--CAATGCTTGGCTGGCTTCAAGTCTCAAGCCCAACAGCTTTAAGATTAAGCAG
500  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
510  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
520  GAACGCG--TTCTTCAAGGC---GC-T--GCCACATTGTGGCTTTTGCACTTGTTCAAA
530  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
540  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
550  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
560  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
570  ATATGAGAAAGAGATGAGATGAGTCAAGCCCAATGGCGAG
580  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
590  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||
600  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||  |||

```

9. US-09-759-143-916' (1-1302)
US-09-159-812-10 Sequence 106, Application US/09159812A

Sequence 106, Application US/09159812A
Patent No. 6613872
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF
FILE REFERENCE: 210121.427C4
CURRENT APPLICATION NUMBER: US/09/159,812A
CURRENT FILING DATE: 1998-07-14

FILE REFERENCE: 210121.428C5

CURRENT APPLICATION NUMBER: US/09/159,812A

CURRENT FILING DATE: 1998-09-23

NUMBER OF SEQ ID NOS: 306

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 106

LENGTH: 473

TYPE: DNA

ORGANISM: Homo sapien

Initial Score = 90 Optimized Score = 208 Significance = 4.36
 Residue Identity = 50% Matches = 260 Mismatches = 182
 Gaps = 77 Conservative Substitutions = 0

```

20  GCATGTAAATGAAGTAATACCTCAACCAACCACTAGCAGGGATTAATATATATATAGTAC--CA
90  GAAACCAAGAGAAATATATATGAAGAAATGAGATGCCCAACAGTTTCAATTTGAAGATCTG--A
100  GTTTCTATTTTATTA--ATTAAAGCTCTG---TC---A-----TTTCAATTATTA--GCTCTGCA
30  G-TTCTATTTTATTA--ATTAAAGCTCTG---TC---A-----TTTCAATTATTA--GCTCTGCA
160  GTT--GTAATTTTATTAAGAAATTTTCTGAAATCTGT---CTTCCAAATGT---TAACATTAA
170  CTTACATATTTAAATTAAGAAAGCTTTT---AGCACTGTACATTTTAAATGAGTCCCATTTATG
90  80  100  110  120  130  140  150  160  170  180  190  200  210  220
230  TCTGAATCAAGGACTC--TGATGAAAGAAAGTTGATCACTGACCTGAGGGCTGGAAGCGTGTGG
240  AGT-AAT-ATATCTCTCAAGAGTGTGTGCTT-CTC-CCACCACTAATGAACGCAATTAATG--
150  160  170  180  190  200  210
300  CCACATGAAAGAGTGAAGATGCGCTG--TCGATCTC-CTTGTCTTCACTCCATAGACAATTTG-
310  TTAATTTTATTAAGTA--TATACACTGTGCAAGCTAATTCCTT--CTCCATCCCATGATTAATGT
220  230  240  250  260  270  280
360  GCACAGAG--GAACCAAG--ATAGAT-ATTGGCCAGAT--GACGGGCAAGCGAGATCAAGC--CGCTT--
370  GATATGTGTGAGTGTGATGATCATCAATCTCAATCAACAGCAAGATGA--AGCTAGCGTGGCTTTC
290  300  310  320  330  340  350
430  GCTTAACCGATGACCAATG--GAC--AATCCATGAAGATCATTAATGAACACAGCAGCAATGA
440  GGTGAA--AATAGACTGTGTCTGTCAATATGATCTG--ACCTATCTCGGTGCAAGATCTC---TTC
360  370  380  390  400  410  420
500  GAGAGCAAGTGC--CAATGCTTGGCTGGCTTCAAGCCCAACAGCTTTAAGAAATGAACAG
510  GAACCGC--TTCTCAAGGC---GC-T--GCCACATTTGTGCTCTTTGCACTGTTTCAAAA
420  430  440  450  460  470  X
570  ATATGAGAAGAGATGAGAAGTGAATGATCCAGGCCAATGCGGAG
580  590  600

```

10. US-09-759-143-916' (1-1302)

US-09-232-149A-1 Sequence 106, Application US/09232149A

Sequence 106, Application US/09232149A

Patent No. 6465611

GENERAL INFORMATION:

APPLICANT: Xu, Jiaangchun

APPLICANT: Dillon, Davin C.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE

TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121.427C6

CURRENT APPLICATION NUMBER: US/09/232,149A

CURRENT FILING DATE: 1999-01-15

NUMBER OF SEQ ID NOS: 338

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 106

LENGTH: 473

TYPE: DNA

ORGANISM: Homo sapien

Initial Score = 90 Optimized Score = 208 Significance = 4.36
 Residue Identity = 50% Matches = 260 Mismatches = 182
 Gaps = 77 Conservative Substitutions = 0

```

20  GCATGTAAATGAAGTAATACCTCAACCAACCACTAGCAGGGATTAATATATATATAGTAC--CA
90  GAAACCAAGAGAAATATATATGAAGAAATGAGATGCCCAACAGTTTCAATTTGAAGATCTG--A
100  GTTTCTATTTTATTA--ATTAAAGCTCTG---TC---A-----TTTCAATTATTA--GCTCTGCA
30  G-TTCTATTTTATTA--ATTAAAGCTCTG---TC---A-----TTTCAATTATTA--GCTCTGCA
160  GTT--GTAATTTTATTAAGAAATTTTCTGAAATCTGT---CTTCCAAATGT---TAACATTAA
170  CTTACATATTTAAATTAAGAAAGCTTTT---AGCACTGTACATTTTAAATGAGTCCCATTTATG
90  80  100  110  120  130  140  150  160  170  180  190  200  210  220
230  TCTGAATCAAGGACTC--TGATGAAAGAAAGTTGATCACTGACCTGAGGGCTTGAAGCGTGTGG
240  AGT-AAT-ATATCTCTCAAGAGTGTGTGCTT-CTC-CCACCACTAATGAACGCAATTAATG--
150  160  170  180  190  200  210
300  CCACATGAAAGAGTGAAGATGCGCTG--TCGATCTC-CTTGTCTTCACTCCATAGACAATTTG-
310  TTAATTTTATTAAGTA--TATACACTGTGCAAGCTAATTCCTT--CTCCATCCCATGATTAATGT
220  230  240  250  260  270  280
360  GCACAGAG--GAACCAAG--ATAGAT-ATTGGCCAGAT--GACGGGCAAGCGAGATCAAGC--CGCTT--
370  GATATGTGTGAGTGTGATGATCATCAATCTCAATCAACAGCAAGATGA--AGCTAGCGTGGCTTTC
290  300  310  320  330  340  350
430  GCTTAACCGATGACCAATG--GAC--AATCCATGAAGATCATTAATGAACACAGCAGCAATGA
440  GGTGAA--AATAGACTGTGTCTGTCAATATGATCTG--ACCTATCTCGGTGCAAGATCTC---TTC
360  370  380  390  400  410  420
500  GAGAGCAAGTGC--CAATGCTTGGCTGGCTTCAAGCCCAACAGCTTTAAGAAATGAACAG
510  GAACCGC--TTCTCAAGGC---GC-T--GCCACATTTGTGCTCTTTGCACTGTTTCAAAA
420  430  440  450  460  470  X
570  ATATGAGAAGAGATGAGAAGTGAATGATCCAGGCCAATGCGGAG
580  590  600

```

11. US-09-759-143-916' (1-1302)

US-09-352-616A-1 Sequence 106, Application US/09352616A

Sequence 106, Application US/09352616A

Patent No. 6395278

GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Jiang, Yuqi

APPLICANT: Xu, Jiangchun

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

FILE REFERENCE: 210121.42768

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 472

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 106

LENGTH: 473

TYPE: DNA

ORGANISM: Homo sapien

Initial Score = 90 Optimized Score = 208 Significance = 4.36
Residue Identity = 50% Matches = 260 Mismatches = 182
Gaps = 77 Conservative Substitutions = 0

GCATGTAAATGAAAAGTAATACCTCCAAACCAACTAGTCAGGTATTAATATATATAGTAG-CAA
X
TTTTTTTTTTTTTTTTTTT
X
10 20

90 100 110 120 130 140 150
GAAAACAAAGAAATATATTTGAAAAATGAGATTCCTCCCAACAGTTTCAATTGTAAGATCTG-AA
G-TTCTCTTTTATATAA-ATTAAGCTTG---TC---A-----TTTCATTATTA--GCTCTGCA
30 40 50 60

160 170 180 190 200 210 220
GTT--GTAATTTTATTAAGAAATTTTCTGTAATCTG--CTTCCAAATGT---TAACATTAAAA
CTTACATATTTAAATTAAGAAACGTTTT--AGCAACTGTACATTTAATTAATGTAAGTGCATTATG
80 90 100 110 120 130 140

230 240 250 260 270 280 290
TGTGATCAGAGACTC--TGAAATGAAAAGATTGATCTGACACCTAGGCTCTGAAGCTGTGG
AGT-AAT-ATAATCTTCAAGAGTGATGTCTCTT-CTC-CAACCACTAATGAACAGCAATTAAGT--
150 160 170 180 190 200 210

300 310 320 330 340 350
CCACATGAAAAGTGAAGAGGCGCTG-TGGAATCTC-CTTGTCTTCACTCCATAGACAAATGG-GGTTGA
TTAATTTTATTAAGTA--TAACTAGCTGCAACGCTAATCTCTT--CTCCATCCCACTGATATATGT
220 230 240 250 260 270 280

360 370 380 390 400 410 420
GCACAGAG-GAACACAGAG-ATGAT-ATTGGCCAAGAT-GACGGGAGGAGGAGTCAAGC--GGCTT--
GTATATGTGATGTAAGTAATGATCAATCTCAATCAACAGCAATGA-ACTTAGCTGGGCTTTC
290 300 310 320 330 340 350

430 440 450 460 470 480 490
GCTAAAGATGACACATG--GAC--AATCCATGAAGGTACATAGATTAATGAACAGCAACATGA
GGTGA--AATAGACTGTGTCTGTCAATCAATGATCG-ACTTATCTCGGTGCAAGACTC---TTC
360 370 380 390 400 410

500 510 520 530 540 550 560
GAGACGCAAGTGC-CAATGCTTGGCTTGGCTTCAAGGTGTAAGCCCAACAGCTTTAATGAATTAAGAG
GAACGCG--TTCTTCAAGGC---GC-T--GCCACATTTGTGGCTTTGGCACTTGTTCAAA
420 430 440 450 460 470 X
570 580 590 600

ATATGACAGAGATGAAAGTAACTCCAGGCCAATGCGGAG

12. US-09-759-143-916' (1-1302)

US-09-439-313-10 Sequence 106, Application US/09439313

Sequence 106, Application US/09439313

Patent No. 6329505

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Dillon, Davin C.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Jiang Yuqi

APPLICANT: Reed, Steven G.

APPLICANT: Kalos, Michael

APPLICANT: Fanger, Gary

APPLICANT: Retter, Mark

APPLICANT: Solk, John

APPLICANT: Day, Craig

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

FILE REFERENCE: 210121.42769

CURRENT APPLICATION NUMBER: US/09/439,313

CURRENT FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 575

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 106

LENGTH: 473

TYPE: DNA

ORGANISM: Homo sapien

Initial Score = 90 Optimized Score = 208 Significance = 4.36
Residue Identity = 50% Matches = 260 Mismatches = 182
Gaps = 77 Conservative Substitutions = 0

GCATGTAAATGAAAAGTAATACCTCCAAACCAACTAGTCAGGTATTAATATATATAGTAG-CA
X
TTTTTTTTTTTTTTTTTTT
X
10 20

90 100 110 120 130 140 150
GAAAACAAAGAAATATATTTGAAAAATGAGATTCCTCCCAACAGTTTCAATTGTAAGATCTG-AA
G-TTCTCTTTTATATAA-ATTAAGCTTG---TC---A-----TTTCATTATTA--GCTCTGCA
30 40 50 60

160 170 180 190 200 210 220
GTT--GTAATTTTATTAAGAAATTTTCTGTAATCTG--CTTCCAAATGT---TAACATTAAAA
CTTACATATTTAAATTAAGAAACGTTTT--AGCAACTGTACATTTAATTAATGTAAGTGCATTATG
80 90 100 110 120 130 140

230 240 250 260 270 280 290
TGTGATCAGAGACTC--TGAAATGAAAAGATTGATCTGACACCTAGGCTCTGAAGCTGTGG
AGT-AAT-ATAATCTTCAAGAGTGATGTCTCTT-CTC-CAACCACTAATGAACAGCAATTAAGT--
150 160 170 180 190 200 210

300 310 320 330 340 350
CCACATGAAAAGTGAAGAGGCGCTG-TGGAATCTC-CTTGTCTTCACTCCATAGACAAATGG-GGTTGA
TTAATTTTATTAAGTA--TAACTAGCTGCAACGCTAATCTCTT--CTCCATCCCACTGATATATGT
220 230 240 250 260 270 280

360 370 380 390 400 410 420
GCACAGAG-GAACACAGAG-ATGAT-ATTGGCCAAGAT-GACGGGAGGAGGAGTCAAGC--GGCTT--
GTATATGTGATGTAAGTAATGATCAATCTCAATCAACAGCAATGA-ACTTAGCTGGGCTTTC
290 300 310 320 330 340 350
430 440 450 460 470 480 490

GCTAAAGCGATGACCATG---GAC--ATCCCATGAAAGTTCATGAAATTTGAACACAGACACATGA
 GGTGA--ATATAGCTGTGTCTGTGAATCAATATGATCTTG-ACTTATCTCTGGTGGCAAGACTC---TTCC
 360 370 380 390 400 410
 500 510 520 530 540 550 X 560
 GAGACGCAAGTGC-CAATATGCTTGGCTTGGCTTTCACGCTGTCAAGCCCAACACACTCTTAAGAAATTAAACAG
 GAACCGC--TTCTCTCAAAAGGCG---GC-T--GGCACAATTTGTGTGCTCTTTGCACTGTGTTCAAAA
 420 430 440 450 460 470 X
 570 580 590 600
 ATATGAGAGGAGATGAGAAAGTAGTCCAGGCGCAATGGCGGAG

LENGTH: 403
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)...(403)
 OTHER INFORMATION: n = A,T,C or G

Initial Score = 84 Optimized Score = 170 Significance = 3.89
 Residue Identity = 48% Matches = 211 Mismatches = 162
 Gaps = 66 Conservative Substitutions = 0

X
 10 20 30 40 50 60
 AGTTAGATTGAGTCAGTGG--GTAAA--ATGAAAG--TAATAACCCCAACCAACCACTGACAG
 TGGAGTNTCA-GTGA-AACAAGCATAAAGCTTCAGTAGCAATTACTGTCTCA-CAGAA--AGACA--
 X 10 20 30 40 50 60
 70 80 90 100 110 120 130
 GATATATATATAT-ATGTAGC---AAGAAAACAAGAAAGAAATATATGA---AAAAATGAGA---
 -TTTCA-ACCTGCTCCAGCTGCTGATTAACAATCATGTGTAGCTTCACTCCAGACAAGACAACC
 70 80 90 100 110 120 130
 130 140 150 160 170 180 190
 -TTCCCAACCAAGTTTCATATTGGAAGATCTGAGTTG-TATT-TTATTTAGAA---ATTTTTTC
 TGTTCCTCATATCTCTC-TA-GAGAAAAGAGAGTTGTAGTACTTAAAGAGATGATGATATC
 140 150 160 170 180 190 200
 190 200 210 220 230 240 250
 TGAATATCTCTTCCAAATATTTAACTTAAATCTGAATGAGAGACTCTGATGAAAAGAGTTGATC
 TGAATA-TTTTCTCTAAAGATTCCTTGAACAC--AT--TAGGA---AAATGG-AGGCTTATGATC
 210 220 230 240 250 260
 260 270 280 290 300 310 320 330
 ACTGACACCTTAGGCTCTGAAAGCTGTGTGCGCACTGGAAGAGTGAAGGA-TGCGCTGTGAATCTCTT
 A--GAATGCTA-GAATTAAGTCATTTGTGTGAAGAGGTTTAAAGGAGGAGTGAAGATTA---
 270 280 290 300 310 320 330
 340 350 360 370 380 390 400
 TGTCTTCACTCCATAGCAATGGGTTGACACAGAGAGAACCAAGATTAATATTGGCCAGATGACGG
 -GAGGAA--AAAAAGAGAGTGAAGAACTTATTATCA--AGCAGGT-GCTATCACTCATGTAGGCC
 330 340 350 360 370 380 390
 410 X 420 430 440 450 460
 CAGCGGAGAGTACCGCGCTTGCTAAAGGATGACCATGACATCCAAATGAAGGTAC
 CTGCTCTTTT
 400 X

19. US-09-759-143-916' (1-1302)
 US-09-288-946-14 Sequence 14, Application US/09288946

Sequence 14, Application US/09288946
 GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun
 APPLICANT: Dillon, David C.
 APPLICANT: Mitcham, Jennifer Lynn
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
 TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
 FILE REFERENCE: 210121.427C7
 CURRENT APPLICATION NUMBER: US/09/288, 946
 CURRENT FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 381
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO 14
 LENGTH: 816
 TYPE: DNA

ORGANISM: Homo sapien
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)...(816)
 OTHER INFORMATION: n = A,T,C or G

Initial Score = 80 Optimized Score = 199 Significance = 3.58
 Residue Identity = 47% Matches = 240 Mismatches = 212
 Gaps = 58 Conservative Substitutions = 0

CAGCCACACCAATTGCTGACAGAGGACAGTAAGTCTGTCATGGCGGCGAGTGGAGTGAAGTGGCA
 TGCCTTCTCTCAAGTTGCT
 X 10 20
 850 860 870 880 890 900 910
 CATACCGGTCAAAAGCCATGCGCCAGCAGCACTGTGATTCATCCAGAT-AAGAGTGAATGCAAAATC
 TGTGCCAT-AACAACCA---CCATAGTAAGCGGGGAGGTGTGCTGAAGGGTTG-TAGTA-CCAGC
 30 40 50 60 70 80
 920 930 940 950 960 970 980
 TGTAGACAGACAGATCAAACTGATGTAGTGA--GAATTGA---CCA-GAAGATGACC---AGCATTTTGG
 ---GC-GGATGC-TCTCTTGCAGAGTCTGTGCTGAGGAGTCCAGCAG-TGCCCTTGTCACTGGGG
 90 100 110 120 130 140 150
 960 970 980 990 1000 1010 1020 1030 1040 1050
 GCATGATGAGTGAAGT-GAGATGTCAATGCTCTGAAGATGCAAAAGATATATATGATGGCTCATGC
 AAATGATGCGCTGAGCTGTCTCAAGCACT-CGTG-TATTTTCAAGAGCA-GCCTGCTCCAGCGCTGC
 160 170 180 190 200 210 220
 1060 1070 1080 1090 1100 1110
 AGCGCT--GCTCAGTCCGACCATGTAGATGATTCAGATTCTTACGA---CAGCA--ATAGGTAGAG
 GGGCAGTGGGGGTGTCTTCACTCCAGCAAACTGTCTGAGCAGCCATGCTGCGACGGAACCTGGTG
 230 240 250 260 270 280 290
 1120 1130 1140 1150 1160 1170 1180
 GAGAGACATGGGAAGGCCCAACCACTGAGCTCTTCTTAAACAGAGAGGCTTATTAAGATATATGT
 GCTGACAGTGGCCAGACACTGATGGGCT-TTCACTGANNAGG-GCCT-ANGGGA-AAATCGCT
 300 310 320 330 340 350 360
 1190 1200 1210 1220 1230 1240 1250
 -AGCACTGATTTATGTCATTTGGGATCCACATCATGAGA-----AG-CTGAATGTGACCGAC-AC
 GANCCCAANA---NCTGCTCTCAANAGCCCTTCTGACACCCGACAGGCTAGATGAATCTTCTTCC
 370 380 390 400 410 420 430
 1260 1270 1280 1290 1300 X
 AGGAGGTAGAGGCTCAACCTATG--GAAGAA--TGTGTACCCCTTGTGCA
 CGAAGGTAGTNTTC--TTGT-TGCCAANCCANCCCTTAACAACCTGTGCANATGTGCTCCGNGGG
 440 450 460 470 480 X 490
 500 510 520 530
 GTCNTANTACCAAGTGGAAAAAAGAACCCAGGC

20. US-09-759-143-916' (1-1302)
 US-08-904-804-14 Sequence 14, Application US/08904804

Sequence 14, Application US/08904804
 GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun
 APPLICANT: Dillon, David C.
 APPLICANT: Mitcham, Jennifer Lynn
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO
 NUMBER OF SEQUENCES: 76
 CORRESPONDENCE ADDRESS:
 ADDRESS: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98104
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/904,804
 FILING DATE: 01-AUG-1997
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: Mark, David J.
 REGISTRATION NUMBER: 31,392
 REFERENCE/DOCKET NUMBER: 210121.427C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 682-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 816 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA

Initial Score = 80 Optimized Score = 199 Significance = 3.58
 Residue Identity = 47% Matches = 240 Mismatches = 212
 Gaps = 58 Conservative Substitutions = 0

850 860 870 880 890 900 910 920
 CATAGCGGTCAAAAGCCATGGCCAGCAGCATGTGATTCATGTCAGAT--AAGGATGATGACCAACATC
 TGTGGCCAT-AACAACCA---CCATAGTAAAGCGGCGCAGTTCGCTGAAGGGGTTG-TAGTA-CCAGC
 30 40 50 60 70 80
 920 930 940 950 960 970 980
 TGTAGCAGACAGCATCAATCTGATGATG--GAATTGAA---CCA-GAAGATGGC---AGCAATTTTG
 ---GC-GGAGTGC-TTCCTTGAAGATCCTGTGTCTGAGGTCCAGCAG-TGCCCTTTGTCACTGGGG
 90 100 110 120 130 140 150
 990 1000 1010 1020 1030 1040 1050
 GCATGATGAGTGGAGAT-GAGGATGTCAATGCTGTAAGCAATATATATACATGGGCTCATGC
 AATGAGATGGCCTGAGAGTGTCAAGCACT-CTGT-TATTTTTCACAGCA-GCCTGTCCGACGCGTGC
 160 170 180 190 200 210 220
 1060 1070 1080 1090 1100 1110
 AGGCTGT--GCTCAGTCCGCAATGTAGATGATTGCAATCACTTACGCA---CAGCA--ATTAAGTAGAG
 GGGCAGTTGGGGGTGTCTTACACTCCAGGAACTGTCTATGACAGCATGTGCTCAGCGAATCGGGTG
 230 240 250 260 270 280 290
 1120 1130 1140 1150 1160 1170 1180
 GGAACACATGGAGAGCCACGAATGAGCTCTTCTTAAACAGGAGGCTTATTAGAGAAATAGT
 GGCTGAGATGGCCAGACACATGAGTGGGCTT-TTCCATGNNANGG-GCCCT-GNGGGA--AAGTCCCT
 300 310 320 330 340 350 360
 1190 1200 1210 1220 1230 1240 1250
 -AGACATGATTCATTGCCATTTGGATTCACCATCATGAAGA-----AG-CTGAATGTGACCAAG-ACC
 GANCCCANNA--NCTGCTCTCAAAAGCCCACTTGCACACCCCGACAGGCTAGAAATGAAATCTTCTTCC

370 380 390 400 410 420 430
 1260 1270 1280 1290 1300 X
 AGGAGATGAGGCTCAACCGTATG--GAAGAA--TGTGTACCCCTTGTCTCA
 CGAAGTAGTTTTC--TTGT-TGCCCAAGCAGCCCTTAACAACTCTTGCAATCTGCTCCGAGGG
 440 450 460 470 480 X 490
 GTCNTANTACANCTGGGAAAAAGAACCCAGGC
 500 510 520 530

21. US-09-759-143-916' (1-1302)

US-08-806-099-14 Sequence 14, Application US/08806099

Sequence 14, Application US/08806099

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO

NUMBER OF SEQUENCES: 40

CORRESPONDENCE ADDRESS:

ADDRESSEE: Janet Sleath

STREET: 1124 Columbia St, Ste464

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/806,099

FILING DATE: 24-FEB-1997

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Mark, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.427

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-667-5728

TELEFAX: 206-667-5728

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 816 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

Initial Score = 80 Optimized Score = 199 Significance = 3.58
 Residue Identity = 47% Matches = 240 Mismatches = 212
 Gaps = 58 Conservative Substitutions = 0

850 860 870 880 890 900 910
 CATAGCGGTCAAAAGCCATGGCCAGCAGCATGTGATTCATGTCAGAT--AAGGATGATGACCAACATC
 TGTTCGCAT-AACAACCA---CCATAGTAAAGCGGCGCAGTTCGCTGAAGGGTTG-TAGTA-CCAGC
 30 40 50 60 70 80
 920 930 940 950 960 970 980
 TGTAGCAGACAGCATCAATCTGATGATG--GAATTGAA---CCA-GAAGATGGC---AGCAATTTTG
 ---GC-GGAGTGC-TTCCTTGAAGATCCTGTGTCTGAGGTCCAGCAG-TGCCCTTTGTCACTGGGG
 90 100 110 120 130 140 150

OTHER INFORMATION: n = A, T, C or G

Initial Score	=	80	Optimized Score	=	199	Significance	=	3.58
Residue Identity	=	47%	Matches	=	240	Mismatches	=	212
Gaps	=	58	Conservative Substitutions	=			=	0

780 790 800 810 820 830 840
 CAGCACAACATTTTGGTACACAGGCAACGTAAAGTACTGTGGCATGCGGGGTGACATGAGCC
 TGGCTTCTCTCAAGTGTCTT
 X 10 20

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 AGCGCT - GTCACGTCGGCAGATGATGTCACATGACCTACCA --- CAGCA - ATAAAGTAGAG
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AGCAGGTAAGAGGCTCAACCGTATG--GAAGAA--TGTGTACACCCCTTGTCCA
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CGAAGGTACTTWTTC--TTGT-TGCCCAACCAACCCCTTTAAACAACCTCTTGCAATTCGTCCGAGGGG
440 450 460 470 480 X 490

25. US-09-759-143-916' (1-1302)
US-09-439-313-14 Sequence 14 Application IUS/09439313

Sequence 14, Application US/09439313
Patent No. 6329505
GENERAL INFORMATION:

APPLICANT: Xu, Jianshun
APPLICANT: Dillon, Davin C.
APPLICANT: Matchem, Jennifer L.
APPLICANT: Hattocker, Susan Louise
APPLICANT: Jiang Yundi
APPLICANT: Reed, Steven G.
APPLICANT: Karlos, Michael
APPLICANT: Fangel, Gary
APPLICANT: Retter, Mark

510 520 530

440	450	460	470	480	X	490
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GGAGACAAATGGGAAGGCCAACCGAACTAGCTCTTTTAAACCGAGGAGGCTTATGATGAATGATGTG
 1190
 GGCTGACATGTGCAGAGACACATGTGAGCGCTT-TTCATGANNAGG-GGCTT-GAGGGA--AAGTCCCTCT
 300 310 320 330 340 350 360
 -AGCATGTGATTTCAATGTGCAATTCGATCCACATCATTGAGA-----AG-CTGACTGTGATCCAGC-ACG
 1190
 GATCCCAANA--NCTGCTTCTCAAAAGCCGCTACCTTGACACACCCGACAGGGGTAGAAATCTTTCTCC
 370 380 390 400 410 420 430

TGTACACAGACAGATCAAACTGGATGGTAACTG-GAATPAA---CCA-GAANATGGC---AGCATTTTGG
 -----GC-GGATGC-TCTTCCTTGCAGATCCTTGCTGTGGAGGTCCAGCAG-TGCCCTTGTACTGAGG
 90 100 110 120 130 140 150
 990 1000 1010 1020 1030 1040 1050
 GCATGATGATGAGGTGAGAT--GAGGATGTCATGCTGAAGCATGCAAAATAATATATACATGGGTGTATG
 AATGATGCGCTGAGAGCTCTCTCAAGGCACT-CGTG-TATTTTCAAGGCA-GCCTGATCGAGGCTCGC
 160 170 180 190 200 210 220

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24. US-09-759-143-916' (1-1302)

US-09-352-616A-1 Sequence 14, Application US/09352616A

Sequence 14, Application US/09352616A
Patent No. 6395278

APPLICANT: Dillon, David C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang, Yugu
APPLICANT: Xu, Jianshun
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121,427C8
CURRENT APPLICATION NUMBER: US/09/352,616A
CURRENT FILING DATE: 1999-07-13
NUMBER OF SEQ. NO. 1

```

NAME: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(616)
SEQ ID NO: 14
LENGTH: 816
SOFTWARE: FastSeq for Windows Version 3.0.0
AUTHOR: O. SEGUCHI: 4/2

```


APPLICANT: Solk, John

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.427C9

CURRENT APPLICATION NUMBER: US/09/439,313

CURRENT FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 575

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 14

LENGTH: 816

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc feature

LOCATION: (1)-(816)

OTHER INFORMATION: n = A,T,C or G

Initial Score = 80 Optimized Score = 199 Significance = 3.58
Residue Identity = 47% Matches = 240 Mismatches = 212
Gaps = 58 Conservative Substitutions = 0

780 790 800 810 820 X 830 840
CAGCCACCAATTGTTGTGACACAGGCAAGTACTGTGGCATGGCGCAGTGGGTACAGATGCCCA
X
TGCTCTTCTCTCAAGTTGTCT
10 20

850 860 870 880 890 900 910
CATAGCGGTCAAAAGCCATGCGCAGCAGCATGTGATTCATGCGCAT--AAGAGTGTGATGGCAATC
TGTGGCAT--AACACCA--CCATAGGTAAAGCGGCGAGTTCGCTGAGGGGTTG--TAGTA--CCAGC
30 40 50 60 70 80

920 930 940 950 960 970 980
TGTAGACAGACATCAACTGATGTAGTGTG--GAATTGA--CCA--GAAGATGCC--AGCATTTTG
---GC--GGATGC--TCTCTTGAAGTCTGTGTGTGGCAGGTCCAGCAG--TGCCTTTGTCTACTGGG
90 100 110 120 130 140 150

990 1000 1010 1020 1030 1040 1050
GCATGATGAGTGTGAT--GAGATGTCAATGCTTGAAGCAATGCAAGCAATATATACATGGGCTCATGC
AATGATGCTGCTGAGCTCTGTCAAGCCACT--CGTG--TATTTTACAGGCA--GCTCTGCGACGCGTGC
160 170 180 190 200 210 220

1060 1070 1080 1090 1100 1110
AGGCTGT--GCTCAGTCCGACATGTATGTGTCAAGTTACTTACGA--CAGCA--ATAAGGTAGAG
GGGCAATGGGGGTCTCTACACTCTCAGAACTGTCTATGCAAGCAATGCTGCAAGCGAACTGGT
230 240 250 260 270 280 290

1120 1130 1140 1150 1160 1170 1180
GGAGCAATGGGAGGCAAGCCAGCAATGAGGCTCTTCTTAAACGAGGAGATTAAGTGAAGTATGT
GGGTGACATGTGCAAGACACTGTATGGCGCT--TTCATGNNANNG--GCCCT--GAGGGA--AAGTCCCT
300 310 320 330 340 350 360

1190 1200 1210 1220 1230 1240 1250
-AGCACTGATTCATTGCTGAGTGGATTCACCATCATGAGA-----AG--CTGACTGTGACAG--ACC
GATCCCACTGAGTGTGCTGAGTGGATTCACCATCATGAGA-----AG--CTGACTGTGACAG--ACC
370 380 390 400 410 420 430

1260 1270 1280 1290 1300 X
AGGAGGTGAGGCTTACCGTATG--GAGGAA--TGTGTACCCCTTTGTCA
CCAAAGTGTGTTTCT--TTGT--TGCCCAANCCANCCCNATAAACAATCTTGCAANATCTGCTCGGGGG
440 450 460 470 480 X 490

GTONTANTACCANCGTGGAGAAAGAACCCAGGC
500 510 520 530

25. US-09-759-143-916' (1-1302)

US-09-030-607-14 Sequence 14, Application US/09030607

Sequence 14, Application US/09030607
Patent No. 6262245

GENERAL INFORMATION:

APPLICANT: Xu, Jiaqun

APPLICANT: Dillon, David C.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO

NUMBER OF SEQUENCES: 224

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/030,607

FILING DATE: 25-FEB-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Makl, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.427C3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 816 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

Initial Score = 80 Optimized Score = 199 Significance = 3.58
Residue Identity = 47% Matches = 240 Mismatches = 212
Gaps = 58 Conservative Substitutions = 0

780 790 800 810 820 X 830 840
CAGCCACCAATTGTTGTGACACAGGCAAGTACTGTGGCATGGCGCAGTGGGTACAGATGCCCA
X
TGCTCTTCTCTCAAGTTGTCT
10 20

850 860 870 880 890 900 910
CATAGCGGTCAAAAGCCATGCGCAGCAGCATGTGATTCATGCGCAT--AAGAGTGTGATGGCAATC
TGTGGCAT--AACACCA--CCATAGGTAAAGCGGCGAGTTCGCTGAGGGGTTG--TAGTA--CCAGC
30 40 50 60 70 80

920 930 940 950 960 970 980
TGTAGACAGACATCAACTGATGTAGTGTG--GAATTGA--CCA--GAAGATGCC--AGCATTTTG
---GC--GGATGC--TCTCTTGAAGTCTGTGTGTGGCAGGTCCAGCAG--TGCCTTTGTCTACTGGG
90 100 110 120 130 140 150

990 1000 1010 1020 1030 1040 1050
GCATGATGAGTGTGAT--GAGATGTCAATGCTTGAAGCAATGCAAGCAATATATACATGGGCTCATGC
AAATGATGAGTGTGAGTGTGTAAGCCACT--CGTG--TATTTTACAGGCA--GCTCTGCGACGCTGC
160 170 180 190 200 210 220

1060 1070 1080 1090 1100 1110
AGGCTGT--GCTCAGTCCGACATGTATGTGTAAGTTACTTACGA--CAGCA--ATAAGGTAGAG
1110 1120 1130 1140 1150 1160 1170 1180 1190 1200 1210 1220

ORGANISM: Homo sapien

Initial Score	=	80	Optimized Score	=	539	Significance	=	3.58
Residue Identity	=	47%	Matches	=	672	Mismatches	=	538
Gaps	=	199	Conservative Substitutions				=	0

[illegible]

GTAGCGCATGTAGTAATGGGAAAGAT--ATTGGAGGG--GCAGAAAGGGGAGGCTGTTATGAAACAGAGAAAGGG
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 940 950 960 970 980 990 1000
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 G-GAGATGGGTG-GGAGAGAGATGAAATATGAGCTTTTATCTCTTTTATCTCTTTAA--AA-TGGT
 1010 1020 1030 1040 1050 1060 1070
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 ----CAATGCCAATA--AGAGTGTATGGGAACATCTGTATGACACAGAGCATAACT-GGATGGTAGT
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 G--TGGAAAG-----GCCCTTCTCA-ACCTTTTCCCTGGGCTGGAGATTAGA--AT-CAGAAAT
 1280 1290 1300 1310 1320
 1100 1110 1120 1130 1140 1150
 TACCTAG---CACA-GCAATTAAGTAGAGGAGACACAAATGGGAAAGCCACCACTGAGCT-----C
 TTCTCGAGTTTTCAGGGCATCA-TATATCTGTATCTCG-AAAGG-CAC-ATATATCTTCCCTCCCTCC
 1330 1340 1350 1360 1370 1380 1390
 1160 1170 1180 1190 1200 1210 1220
 TTCTAAACAGGAGAG-GCCTATAGAGAGAGTA-TGTACACTGTGATTTGATTCATTTGGATTCACACTTC
 TTTTAAATTTTGTGCTCTTTTGTGCAGCAATTCTACTAAAGGCTCATTTAGTCCAGATTTTTATGTC
 1400 1410 1420 1430 1440 1450 1460
 1230 1240 1250 1260 1270 1280
 ATGAAGAGTGAATCTGTAGACAGC---ACAGAGAGTGAAGGAGCTCAAGCTGATGAAAGAAATGT---GT
 TGCTGTGACCTTAATTAAGCTTCGCTTATTTAGCCCGAGATCGTCTTTTTTTTTTTTTTTTTTCCGT
 1470 1480 1490 1500 1510 1520 1530
 1290 1300 X
 GACCCC---CTTTGTCCA
 CTTCCCAAGCTTATCTGTCTGATCTTTTAAAGTTGGGGGCGAATTTCTGAATTGCTCTTAAAGA
 1540 1550 1560 1570 1580 1590 1600
 30. US-09-759-143-916' (1-1302)
 US-09-352-616A-3 Sequence 335, Application US/09352616A
 Sequence 335, Application US/09352616A
 Patent No. 6395278
 GENERAL INFORMATION:
 APPLICANT: Dillon, Davin C.
 APPLICANT: Halllocker, Susan Louise
 APPLICANT: Jiang, Yuhui
 APPLICANT: Xu, Jianshun
 APPLICANT: Mitcham, Jennifer Lynn
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
 TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE

```
FILE REFERENCE: 210121 42708
CURRENT APPLICATION NUMBER: US/09/352,616A
CURRENT FILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 472
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 335
LENGTH: 2984
```

```
Initial Score = 80      Optimized Score = 539      Significance = 3.58
Residue Identity = 47%  Matches = 672      Mismatches = 538
Gaps = 199      Conservative Substitutions = 0
```

10
 X
 AGTTGATTGG-----AC
 GCGCTGACGGGGCCCACTGCGCCAAAGACTCAAGTCAAGAGACCGACCCAGAGAGATGATGTTCCAGAAAC
 200 210 220 230 240 X 250 260
 TGCATGTGTAATGAAAAAGTATATACCTCAACACAC- AACCT---AGTCAGGGTATTAATATATATGTT
 AG-ACGCTATAGACTAAGGCA- AAGCAGCTCTCTGTGGAGCTGGAGACTTGG- AGAAGCATCTCTCT-TT
 270 280 290 300 310 320 330
 GCAAGAAAAACAAAGAAAG- AATATATATGAAAAAAATGAGATTCC- 130 140
 GCGGAGCCCTGAAAAGAGGAGGCTCTCCCGGGGCTCCCGAGTCTCCGTGATTAACAGCTATCTTCACTACCC
 340 350 360 370 380 390 400
 150 160 170 180 190 200 210
 GGATTCGAGTTGTAATTTTA--TTAAGAAATTTTTTTCTGTAATCTGTCT---TCCAAATGTATACAT
 ATACCTGTACTGCGTGGCGAGCTGAGCCAGCCAGCTTTTGGT- AATCCAGCTCAGGTGACAACTATGAT
 410 420 430 440 450 460 470
 220 230 240 250 260 270 280
 TAAATATTGAAT---CAGAGACTGTGAATGAAA--AGAATTGATCAGTCAACCTAGGCTGTGAAG
 CAAAACTGCTTCCCGCAG-GGTGTCTCTATGAAAAGCACAAG--GGGCAAGTTC---AGGAGC--AAG
 480 490 500 510 520 530
 290 300 310 320 330 340 350
 CGTGTGTC-CAACATGAAA--AAGTCGAAGATGCGCTGTG- AATCTCTTTGTTCATCTCCATACAGAA
 AG-GTGTG--CACACCAAGACTATGGA- GATTTCG-CTGGAAATCTCASA-TTCTCACTGTGAACAAA
 540 550 560 570 580 590 600
 360 370 380 390 400 410
 TTGGGTGACACACAGAGGAACACAGATAG-ATATTTGGCCAG--ATGAC---GGGCA-GGGGAGACT
 -----TGA-AACAAAC-GAGACAG-TGAAAGTTTAAATACCTAAGTCACTTCCCGCAGCATCTGTAGGT
 610 620 630 640 650 660
 420 430 440 450 460 470 480
 CAGCGCGCTGCTTAAAGCCATGACCATGACCAATCAATGAAGAAGTACATGAA---TATGAACACAGCA
 CATTTTTTTTGGCTCTG-GCT-ACC-TGTTTGAAGGGAGAGAGGAAATCAAGTGATTTTTC-CAGCA
 670 680 690 700 710 720 730
 490 500 510 520 530
 C-AACATGA-----GAGACCGCAAGT--GCCAAATGCC-TGGCTG--GGCT-----TACAGTGTCA-AGC
 740 750 760 770 780 790 800
 CTTGTGATGATTTTGGATGAGC-TGTACACCCCAAGGATCTGTCTTGCAACTCCATCCATCTCTGTGTCACTGA
 540 550 560 570 580 590 600
 CCAACACAGCTC-TAAGA-ATAAGACGATATGAGAGATGAGATGATGATCAGGCCCAATGGCCGAGAT
 ATATCA-ACCTTAAAGAGCAACTTAACAGGAGAG- GACACACAGATGATGAGATGATCCTCAACTGA-AT
 810 820 830 840 850 860 870

610
GATGACGTAATGAGGCCTCAATACACGC--ATTGACC--CGGA--TATATCAACAGGACGAGCTTATGATCAATCTTGGT
TA-AAC--TAAAGCTCAGGAAGCCTCCGTTGGCCTTGGAAATATGGCCA--AAGC--TCTCTCTTC--CCTGTTA
880 890 900 910 920 930

620
GTATGCGCTAGAGTAATGGAAAGAT--ATTGAGCG--GCGAAGAGGAGAGTGTCTGTAATGAAAGACAGAAAGG
AAAAGAGGGGGCAATATAGAGATCTCCAAAGAAAGCGCTCATGCTCAGACATATTTCGA---TGGAGAGGG
940 950 960 970 980 990 1000

630
GTGCCATCACTGTCAGCGCCCCCGCACACAGACAGCCACCAATT--TTGTGACACAGAGCAACGTAACTACT
G-GAGATGGGGTG--GAGAGAGATGAATAATCAGCTTTCTTATCTCTTTATCTTTTAA--AA-TGGT
1010 1020 1030 1040 1050 1060 1070

640
GTGCGCATGGGCGCAGTGGGAGCA--GATGG--CCATATGCGGTCAAAAGCCATGGCCAGAGCAGCTGTGATTT
ATGCA-ACCTTAAGT--ATTATAAGGTGGGCCCAATG---AACAAG--ATG--CA-C-TGCTGTGATTT
1080 1090 1100 1110 1120 1130

650
-----CGATGCGAGTA---AGGAGTGAATGCGCAACAATCTGTAGACAGACAGATCAACT--GATGTAGT
TAAAGCAAGCTGTATTAACAGAACTCCCTGCAAGAGGGGGGCCGAGGACAGA--GAATCTCGGTGTCCCA
1140 1150 1160 1170 1180 1190 1200

660
950 960 970 980 990 1000 1010
GGAATTGAACACAGAAATGCGCAGCATTTTGGGATGGATGAAGAGTGGAATG--AGGATGCAATGCCCGAA
AGCAAGGGCCTTAAGAGGGGTCCACACTG--CTG-CT-AAGGGCTGTGCAATTTTATTATGAGAA
1210 1220 1230 1240 1250 1260 1270

670
1020 1030 1040 1050 1060 1070 1080 1090
GCATGCAAGAATATATATACATGGGCTCATACAGAGCTGTCTCAATGCCACAAATGATGATTCGAAGT
G--TGGAAG-----GCTCTTCTCA-ACITTTTCCCTTGGGCTGGAAATTAGA--AT-CAGAGT
1280 1290 1300 1310 1320

680
TACTAG--CA-AGCAATAGATGAGAGGCAATGGGAGCCCAATGGGAGCCCAACAGACTGAGCT-----C
TTCTCGAGTTTTCAGGCTATCA--TATATACGTATCCG--AAAG--CAAC--ATATATCTTCCCTCCCTCC
1330 1340 1350 1360 1370 1380 1390

690
1160 1170 1180 1190 1200 1210 1220
TTCTAAACAGGGAG--GCCATTATGATGAAGTA--TGATGCACTGTGATTCATTGGCATTTGGATCCACATC
TTTAAATTTTGTGTCTCTTTTTCAGCAATTAATCACTAAGAGGCTTCATTATAGTCAGATTTTATGTC
1400 1410 1420 1430 1440 1450

700
1230 1240 1250 1260 1270 1280 1290
ATGAAGAACTGAATCTGTGACACG--ACGAGGCGAGTGAAGGCTCAACCGTATGGAAGAAATGT---GT
TGGCTGCACTTAATTAAGCCCTCCCTTAATTATAGCCGAAATCGGTCTTTTATTTTATTTTTCGCT
1470 1480 1490 1500 1510 1520 1530

710
1290 1300 X
GACCCC-----CTTGTCCA
CTCCCAAGCTTATCTGCTTGCATCTTTTAAAAAAGTTGGGGGCGAGATTCTGAATTTGGCTAAAGA
1540 1550 1560 1570 1580 1590 1600

720
31. US-09-759-143-316* (1-1302)
US-09-439-313-33 Sequence 335, Application US/09439313
Sequence 335, Application US/09439313
Patent No. 6329505

CCCATATGATG--AGTGGGTACAGCGTGCCTTCACTTC--GCATTCAGCAAGTATATACAGGCCCATTAAGAT	790	800	810	820	830	840
210	220	230	240	250	260	270
GGTGAC-AC-GA-GGCAAC-GTAACTACTGTG-GCATTGGC-GCAG-----TGGTGACAG-ATGGCCACATTA						
GACTACTACAGAGCTCCCGCTGCGGGTACTATTAAGGCCAGGCAACAGACCGTGGGGGGGGAATTACTTCTTC						
280	290	300	310	320	330	340
650	660	670	680	690	700	710
GGCGTCAAAAGCCATGCGCCAGCAGCACTGTGATTCCA--TGCAGATTAAGAGTGGATGGGAAACATCTGT						
GACGT--AGAG--GTGGGGCGGAACCA-TATG--TACCAAGTCCGAGCCCA--ACT--TGG--ACACTCTGT						
350	360	370	380	390	400	
920	930	940	950	960	970	980
AGCAGACACAGCATTCAACTGGATGGATGTAATGGAA-----TTGAAC-CAGAAAGATGGCGACATTTGGGGATGGG						
-GCCTTCATGAACCAACCAGCCAGMATGCGAGAAGAAACAGTGTGCTCTTTTCGAGATTCAGAAATT--CCCTGG						
410	420	430	440	450	460	470
390	1000	1010	1020	1030	1040	1050
ATATAGGTGGAGATGAGAGATGTCAATCCCTGAAAGC---ATGCAAGAAAT-ATATACATGGGCTCATC-CAGC						
-----GGAGAACCAAAAGTCCCTGGTGGGAATCCAGGTGTCAAGAAATCCTAAGAT---CTGTTCACAG						
480	490	500	510	520	530	
X 1060	1070	1080	1090	1100		
GGGTGTCTCAGTCCGACCAATATATAGATGATTTGCAAGTTACTTACACACAGCA						
GC						
X						

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE

FILE REFERENCE: 210121.427C7

CURRENT APPLICATION NUMBER: US/09/288,946

CURRENT FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 381

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 164

LENGTH: 469

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc.feature

LOCATION: (1)..(469)

OTHER INFORMATION: n = A,T,C or G

Initial Score = 72 Optimized Score = 209 Significance = 2.96
Residue Identity = 49% Matches = 253 Mismatches = 197
Gaps = 63 Conservative Substitutions = 0

680 690 700 710 720 730 740
GGCAGTGAAGATGGGAAGATATTGGAGCGGCAAGGCGAGCTGCTGATGAAGACAGGAGGGTGCCA

750 760 770 780 790 800 810 820
TCAGTGCACGCCCCCGACACAGACGACCAATTTTGGTGACAGAGCAACGTA-AGTACTGTGGCA

830 840 850 860 870 880 890
TGGCGCAGTGGGTGACAGATGGCCCATATGCGGTGCA-AGCCATGGCCAGAGCATGTGATTC-CATGC

900 910 920 930 940 950
CAGATTA-...GAGTGTGATGGCAACATCTGTAGCAGACAGCATCAACTGGATGTGATGAAATTGAC

960 970 980 990 1000 1010 1020
CAGAAGATGGCCGAGATTTTGGGCATGATGAGTGAGATGAGATGTCA-TGCCGGAAGCAT-GCAA

1030 1040 1050 1060 1070 1080 1090
GAA-ATATATACATG-GGCTATGCAAGCTGTGTCTCACTCCGCAATGTAGATAT-TGTCAAGTACCT

1100 1110 1120 1130 1140 1150 1160
AGCAGACG-ATATAG-GTAGAGGAGGCAATGGAAGCCACCAACTGAGCTCTTCTAAACAGGGA

1170 1180 1190 1200 1210 1220 1230
GGCCTATTAGATGAG-TATG--TAGACTGATTCATTGTGCATTC-GATTCACCATCTGAAGAAGCTG

1240 1250 1260 1270
AACTGTACGACGACGACGAGGTAGAGGCTCAACCG

44. US-09-759-143-916' (1-1302)

US-09-115-453-16 Sequence 164, Application US/09115453B

Sequence 164, Application US/09115453B

Patent No. 6657056

GENERAL INFORMATION:

APPLICANT: Xu, Jianshun

APPLICANT: Dillon, David C.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND

TITLE OF INVENTION: METHODS FOR THEIR USE

FILE REFERENCE: 210121.427C4

CURRENT APPLICATION NUMBER: US/09/115,453B

CURRENT FILING DATE: 1998-07-14

NUMBER OF SEQ ID NOS: 228

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO 164

LENGTH: 469

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc.feature

LOCATION: (1)..(469)

OTHER INFORMATION: n = A,T,C or G

Initial Score = 72 Optimized Score = 209 Significance = 2.96
Residue Identity = 49% Matches = 253 Mismatches = 197
Gaps = 63 Conservative Substitutions = 0

680 690 700 710 720 730 740
GGCAGTGAAGATGGGAAGATATTGGAGCGGCAAGGCGAGCTGCTGATGAAGACAGGAGGGTGCCA

750 760 770 780 790 800 810 820
TCAGTGCACGCCCCCGACACAGACGACCAATTTTGGTGACAGAGCAACGTA-AGTACTGTGGCA

830 840 850 860 870 880 890
TGGCGCAGTGGGTGACAGATGGCCCATATGCGGTGCA-AGCCATGGCCAGAGCATGTGATTC-CATGC

900 910 920 930 940 950
CAGATTA-...GAGTGTGATGGCAACATCTGTAGCAGACAGCATCAACTGGATGTGATGAAATTGAC

960 970 980 990 1000 1010 1020
CAGAAGATGGCCGAGATTTTGGGCATGATGAGTGAGATGAGATGTCA-TGCCGGAAGCAT-GCAA

1030 1040 1050 1060 1070 1080 1090
GAA-ATATATACATG-GGCTATGCAAGCTGTGTCTCACTCCGCAATGTAGATAT-TGTCAAGTACCT

1100 1110 1120 1130 1140 1150 1160
AGCAGACG-ATATAG-GTAGAGGAGGCAATGGAAGCCACCAACTGAGCTCTTCTAAACAGGGA

1170 1180 1190 1200 1210 1220 1230
GGCCTATTAGATGAG-TATG--TAGACTGATTCATTGTGCATTC-GATTCACCATCTGAAGAAGCTG

1240 1250 1260 1270
AACTGTACGACGACGACGAGGTAGAGGCTCAACCG

1240 1250 1260 1270
AGTCATGATGTGTGAGCCATGCTATCAGTAAAAAGAT---NTTGAGGACAAACATTT
420 430 440 450 460 X
AACTGTGACCAAGCATCCAGGATGAGAGCTCAACCG

45. US-09-759-143-916' (1-1302)
US-09-159-812-16 Sequence 164, Application US/09159812A

Sequence 164, Application US/09159812A
Patent No. 6613872
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF
TITLE OF INVENTION: PROSTATE CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.42865
CURRENT APPLICATION NUMBER: US/09/159,812A
CURRENT FILING DATE: 1998-09-23
NUMBER OF SEQ ID NOS: 306
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 164

Initial Score	=	72	Optimized Score	=	209	Significance	=	2.96
Residue Identity	=	49%	Matches	=	253	Mismatches	=	197
Gaps	=	63	Conservative Substitutions	=	0			

[illegible]

GGATTATGTTATGCTTCCTTAGTAGGACAA--GGGCTCCAGGCCAGGCTCATTTCTCCTTCGGCTCTAAT	350	360	370	380	390	400	410
1170	1180	1190	1200	1210	1220	1230	
GGCCATTATGAGATGAAG-TATG--TACCACTGGATTCATTGCCATTGG-AGATCCACCATCATGAAGAAGCTGG							
AGTCATATATTGTGTAGCCATGCATGCCTATCACTATAAAGAT---ATTGACCAACAACCTTT	420	430	440	450			X
1240	1250	1260	1270				
AACTGTGACCAAGCAACCAAGGCAAGGTAAGAGGCTCAACCG							

46. US-09-759-143-916' (1-1302)
US-09-232-149A-1 Sequence 164, Application US/09232149A

Sequence 164, Application US/09232149A
 Patent No. 6465611
 GENERAL INFORMATION:
 APPLICANT: Xu, Jiangchun
 APPLICANT: Dillon, David N.
 TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE
 TITLE OF INVENTION: CANCER AND METHODS FOR THEIR USE
 FILE REFERENCE: 210121.427C6
 CURRENT APPLICATION NUMBER: US/09/732,149A
 CURRENT FILING DATE: 1999-01-15
 NUMBER OF SEQ ID NOS: 338
 SOFTWARE: FASTSEQ for windows version 3.0
 SEQ ID NO 164

Initial Score	=	72	Optimized Score	=	209	Significance	=	2.96
Residue Identity	=	49%	Matches	=	253	Mismatches	=	197
Gaps	=	63	Conservative Substitutions	=			=	C

680 690 700 710 720 730 740
GGCAGTAGGAATGGGAAAGATATTTGGAGCGGCGACAAGGACGCTGCTTATGAAGACAGAAAGGGGTGCCCA
750 760 770 780 790 800 810 820
TCAGTGCAGACCCCCCGACACACAGCAGCCACCACTTTTGTGTACAGAGGCAACGTA-AGTACTGTGGCTC
CTGGGACACGTTGTG-ATCTTGTG-----CACC-----TTGTGACTTTATGCATGTCATGTAATTTCA
30 40 50 60 70 80
830 840 850 860 870 880 890
TGGCGCAGGCTGACATGTGCGCACACAGCGCTCA-AAAGCATGGCGACAGACGTGTGATTC-CATGCG
T-ACCTAATGAAGG--AGTT--CCA-GGAG-ATTCAACCGAATAATGCATGATCTTCAAGAAACAAACA
90 100 110 120 130 140
960 970 980 990 1000 1010 1020
CAGATTA---GGAGTGAATGCGCAACACTCTGTAGCAGACAGACGTCAACTGTGTAGTGAATTGAAC
CCATTAATTCGAGATGGACACTACACTCTT--GAGACATGCA-CTTGCT--ACGAAACAGAAATT-----
150 160 170 180 190 200 210
690 700 710 720 730 740
CAGAAGATGGCGCACTTTTGGCGATGTATGGTGGAGGAGAGAGATTCGA-TGGCTGAAGCAT-GCAAA
-TCAATGTTG-CACCTTGTTCTACACCTGTG--GGTTATGAACAAGACAATGCC-AAAGATCTTCA
220 230 240 250 260 270

750 760 770 780 790 800 810 820
 TCAATGACGCCCCCGACACAGCAGCCACCAATTTTGTGACAGAGCAAGTA-AGTACTGTGCA
 CCTGGGACGCTTGTG-ATCTTTGTC-----CACCC-----TTGCTGATTAATCATCATCTATCTATTCA
 30 40 50 60 70 80
 830 840 850 860 870 880 890
 TGGGGCACTGGGTGACAGATGCGCCACATAGCGGTCAA-AAGCCATGGCCAGCAGACTGTGATTC-CATGC
 T-ACCTAATGAGGG--AGTT---CCA-GGAG-ATTCAACAGGAATGATGATCTCTAAAGAAACAAACAC
 90 100 110 120 130 140
 900 910 920 930 940 950
 CAGATTA---GGAGTGAATGGCAAACTCTGTGACAGACAGCATCAACTGATGTGATGAAATTGAC
 CCAATTAATCTGGAGTGCAGACTGACAACTGT--GAGACATGCA-CTTGCT--ACGAAACAGAAATT-----
 150 160 170 180 190 200 210
 960 970 980 990 1000 1010 1020
 CAGAGATGGCCAGCATTTTGGGATGGATGAGTGAAGATGAGATGCAA-TGCCCTGAAGCAT-GCAAA
 -TCATGTTG--CACCTTGTTCCTACACTCTG--GTTTATGCAAAAGCAACTGCC--AAAGATTTTCAA
 220 230 240 250 260 270
 1030 1040 1050 1060 1070 1080 1090
 GAA--ATATATACATG--GGCTCATGACAGGCTGTGCTCAGCCGACATGATGAT-TGTCAAGTTACCT
 GAGAGAGACTGCAAGTATATCTGTGTGAGAGAA--AAGAACCAAAAAGACTGTCTCTGTC-AGTGA-AT
 280 290 300 310 320 330 340
 1100 1110 1120 1130 1140 1150 1160
 AGCCACAGC-AATTAAG-GTAGAGGAGCAGCAATGGGAGCCACAGACAGCACTGCTCTTAACACAGGGA
 GGATTAATTAATGTGCTCTAGTAGGAGCA--GGGCTCCAGGCGCAAGCCCTCATCTCTGCTCTAT
 350 360 370 380 390 400 410
 1170 1180 1190 1200 1210 1220 1230
 GGCTATTAGATGAAG-TATG--TAGACTGATTCATGCTCATTTG--GATCCACCATCATGAGAGAGCTG
 AGTAAATGATGTGTAGCATGCTTATCATGAAAAGAT--NTTTAGGCAAAACATTT X
 420 430 440 450 460
 1240 1250 1260 1270
 AACTGTGACCAAGCAGCAGGAGTAGAGGCTCAACCG

49. US-09-759-143-916 (1-1302)

US-09-030-607-16 Sequence 164, Application US/09030607

Sequence 164, Application US/09030607
 Patent No. 6282245

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Dillon, Davin C.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO

NUMBER OF SEQUENCES: 224

CORRESPONDENCE ADDRESS:

ADDRESSES: SEED AND BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/030,607

FILING DATE: 25-FEB-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.427C3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 164:

SEQUENCE CHARACTERISTICS:

LENGTH: 469 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

Initial Score = 72 Optimized Score = 209 Significance = 2.96

Residue Identity = 49% Matches = 253 Mismatches = 197

Gaps = 63 Conservative Substitutions = 0

680 690 700 710 720 730 740
 GGCAATGAAATGGGAAAGATATTGAGCGGACAGAGGCGAGCTGTTGATGAAGACAGAGAGGGGTGCA
 750 760 770 780 790 800 810 820
 TCAATGACGCCCCCGACACAGCAGCCACCAATTTTGTGACAGAGCAAGTA-AGTACTGTGCA
 CCTGGGACGCTTGTG-ATCTTTGTC-----CACCC-----TTGCTGATTAATCATCATCTATCTATTCA
 30 40 50 60 70 80
 830 840 850 860 870 880 890
 TGGGGCACTGGGTGACAGATGCGCCACATAGCGGTCAA-AAGCCATGGCCAGCAGACTGTGATTC-CATGC
 T-ACCTAATGAGGG--AGTT---CCA-GGAG-ATTCAACAGGAATGATGATCTCTAAAGAAACAAACAC
 90 100 110 120 130 140
 960 970 980 990 1000 1010 1020
 CAGAGATGGCCAGCATTTTGGGATGGATGAGTGAAGATGAGATGCAA-TGCCCTGAAGCAT-GCAAA
 -TCATGTTG--CACCTTGTTCCTACACTCTG--GTTTATGCAAAAGCAACTGCC--AAAGATTTTCAA
 220 230 240 250 260 270
 1030 1040 1050 1060 1070 1080 1090
 GAA--ATATATACATG--GGCTCATGACAGGCTGTGCTCAGCCGACATGATGAT-TGTCAAGTTACCT
 GAGAGAGACTGCAAGTATATCTGTGTGAGAGAA--AAGAACCAAAAAGACTGTCTCTGTC-AGTGA-AT
 280 290 300 310 320 330 340
 1100 1110 1120 1130 1140 1150 1160
 AGCCACAGC-AATTAAG-GTAGAGGAGCAGCAATGGGAGCCACAGACAGCACTGCTCTTAACACAGGGA
 GGATTAATTAATGTGCTCTAGTAGGAGCA--GGGCTCCAGGCGCAAGCCCTCATCTCTGCTCTAT
 350 360 370 380 390 400 410
 1170 1180 1190 1200 1210 1220 1230
 GGCTATTAGATGAAG-TATG--TAGACTGATTCATGCTCATTTG--GATCCACCATCATGAGAGAGCTG
 AGTAAATGATGTGTAGCATGCTTATCATGAAAAGAT--NTTTAGGCAAAACATTT X
 420 430 440 450 460
 1240 1250 1260 1270
 AACTGTGACCAAGCAGCAGGAGTAGAGGCTCAACCG

540 550 560 570 580 590 600
TGTGGTGGCGGGGGCTGCACATGATGGCACCC-CTTCTCTCTTTCATCAAGCAGCTGCCCTTCTGGCGCTCCA

ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(852)
OTHER INFORMATION: n = A,T,C or G

TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 662-6031

```
ORGANISM: homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(852)
```



```

ACTCTTGA--AATATTACGTCA---GGAGTCTTTGTTTCGATTATTTGTTGTTGTTGTTG
30      40      50      60      70      80
1110      1120      1130      1140      1150      1160
AAGACAGTTCAGAAAAAATTTCTTAAATAATCA-ACTCAG--ATCCTT--CAATAT-GAAACT
TCCAAGATTGGAGCTGCTGAGTTT--TCATTTCCTCCATCCGCGCATCTTCCCAATTATATACC
90      100      110      120      130      140      150
1170      1180      1190      1200      1210      1220      1230      1240
GGTTGGGAAATTCATTTTTCATATATTTTCTCTTTCTTCTGCTACATATATATATACC
AGCTTCCTCCATCCACGCTCAGCA--ATT-TCCTTTGAGTAATATCTACCTGCGTGA-GCTT
160      170      180      190      200      210      220
1250      1260      1270      1280      1290
TGACTAGGTGTTGTTAGGGTTATTTCTTT---CAT--TTTA-CCA-TGC-----ATCCA--AATCT
TTGATAGTCACTGCTGCTGTTCTTCTTTTACCCTAGCTGAGCCACTGCTGATTTCAAGAACT
230      240      250      260      270      280      290
1300 X
AACT
GAAGAGCCCTCAGATCGGTCTTCCCATTTATATCTCGGTTCTGCGG
300 X      310      320      330      340      350

```

7. US-09-759-143-916 (1-1302)

US-09-352-616A-4 Sequence 44, Application US/09352616A

Sequence 44, Application US/09352616A

Patent No. 6395278

GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Jiang, Yugu

APPLICANT: Xu, Jiangchun

APPLICANT: Mitcham, Jennifer Lynn

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

FILE REFERENCE: 210121.427C8

CURRENT APPLICATION NUMBER: US/09/352,616A

CURRENT FILING DATE: 1999-07-13

NUMBER OF SEQ ID NOS: 472

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(852)

OTHER INFORMATION: n = A,T,C or G

Initial Score = 84 Optimized Score = 132 Significance = 3.21

Residue Identity = 50% Matches = 158 Mismatches = 118

Gaps = 39 Conservative Substitutions = 0

```

970      980      990      1000      1010      1020      1030
TGAAGACAAAGAGATTCGACAGCGCATCTTGCATTTGCGCACACAGCTTCAGAGCCCTTGG
ACATTAATATCAGAG-AAAAGT
X      10      20

```

```

1040      1050      1060      1070      1080      1090      1100
TGTAAGATCAAACTTTCTTCATTCAGAGTCTCTGATTCAGAT--TTTAATG--TAACATTTG-G
AGCTTTGA--AATATTACGTCA---GGAGTCTTTGTTTCGATTATTTGTTGTTGTTG
30      40      50      60      70      80

```

```

1110      1120      1130      1140      1150      1160
AAGACAGTTCAGAAAAAATTTCTTATATAAATACA-ACTCAG--ATCCTT--CAATAT-GAAACT

```

```

TCCAAGATTGGAGCTTCAATTT--TCATTTCCTCCATCCGCGCATTTCCCAATTATATACC
90      100      110      120      130      140      150
1170      1180      1190      1200      1210      1220      1230      1240
GGTTGGGAAATTCATTTTTCATATATTTTCTCTTTCTTCTGCTACATATATATATACC
AGCTTCCTCCATCCACGCTCAGCA--ATT-TCCTTTGAGTAATATCTACCTGCGTGA-GCTT
160      170      180      190      200      210      220
1250      1260      1270      1280      1290
TGACTAGGTGTTGTTAGGGTTATTTCTTT---CAT--TTTA-CCA-TGC-----ATCCA--AATCT
TTGATAGTCACTGCTGCTGTTCTTCTTTTACCCTAGCTGAGCCACTGCTGATTTCAAGAACT
230      240      250      260      270      280      290
1300 X
AACT
GAAGAGCCCTCAGATCGGTCTTCCCATTTATATCTCGGTTCTGCGG
300 X      310      320      330      340      350

```

8. US-09-759-143-916 (1-1302)

US-09-439-313-44 Sequence 44, Application US/09439313

Sequence 44, Application US/09439313

Patent No. 6329505

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Dillon, Davin C.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Harlocker, Susan Louise

APPLICANT: Jiang Yugu

APPLICANT: Reed, Steven G.

APPLICANT: Kalos, Michael

APPLICANT: Fanger, Gary

APPLICANT: Retter, Mark

APPLICANT: Solk, John

APPLICANT: Day, Craig

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

FILE REFERENCE: 210121.427C9

CURRENT APPLICATION NUMBER: US/09/439,313

CURRENT FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 575

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 44

LENGTH: 852

TYPE: DNA

ORGANISM: Homo sapien

FEATURE:

NAME/KEY: misc feature

LOCATION: (1)...(852)

OTHER INFORMATION: n = A,T,C or G

Initial Score = 84 Optimized Score = 132 Significance = 3.21

Residue Identity = 50% Matches = 158 Mismatches = 118

Gaps = 39 Conservative Substitutions = 0

```

970      980      990      1000      1010      1020      1030
TGAAGACAAAGAGATTCGACAGCGCATCTTGCATTTGCGCACACAGCTTCAGAGCCCTTGG
ACATTAATATCAGAG-AAAAGT
X      10      20

```

```

1040      1050      1060      1070      1080      1090      1100
TGTAAGATCAAACTTTCTTCATTCAGAGTCTCTGATTCAGAT--TTTAATG--TAACATTTG-G
AGCTTTGA--AATATTACGTCA---GGAGTCTTTGTTTCGATTATTTGTTGTTGTTG
30      40      50      60      70      80

```

```

1110      1120      1130      1140      1150      1160

```


CCTTCAAAATGAACTGGTGGGAATCCATTTCATAT--ATTTCCTCTGTTTCTTGCTA
GC--CAGCTTT--AGCTTGT--GGAAAGTCCATAGTATGAGTGCATCTGTC--TTCCTTTC--TGCAG
160 170 180 190 200 210
CATATATATTAATACCTGACTAGGTGGTGGTTGAGGGTTATTA--CTT--TTCATTTTACCATG--CAG
TAGATATATGA--GGTAACCGAAGGCAATGTGCTCTTTGATAGAAAGCTTCTGTGTCATATCAGGAAT
220 230 240 250 260 270 280
1290 1300 X
TCCAAATCTAACT
TCCAGA--NAAAGTCC
290 300

15. US-09-759-143-916 (1-1302)
US-09-439-313-27 Sequence 274, Application US/09439313

Sequence 274, Application US/09439313

Patent No. 6329505
GENERAL INFORMATION:

APPLICANT: Xu, Jianshun
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang Yuqiu
APPLICANT: Reed, Steven G.
APPLICANT: Kalos, Michael
APPLICANT: Fanger, Gary
APPLICANT: Retter, Mark
APPLICANT: Solk, John
APPLICANT: Day, Craig
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
FILE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
CURRENT FILING DATE: 1999-11-12
CURRENT APPLICATION NUMBER: US/09/439,313
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 274
LENGTH: 301
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(301)
OTHER INFORMATION: n = A,T,C or G

Initial Score = 82 Optimized Score = 139 Significance = 3.08
Residue Identity = 50% Matches = 163 Mismatches = 125
Gaps = 36 Conservative Substitutions = 0

940 950 960 970 980 990 1000 1010
GTGCTCAACCAATTGCTATGAGTGAACAAGAGATTCGACAGCGCATCTTCACATTTTCCAGTGTG
X
CTTAATTAATCTCTTCTCA--GAG
1020 1030 1040 1050 1060 1070 1080
GCCACACACCTTCAGAGCCCTTAGGCTGATGATCAAACTCTTTCCATTCAGAGTCTGATG--CAGA
GCAAAAGAGG---AGA---TGGGT---AATGAGACATTTCTTGAGACAGTAATGATTAATTAAGA
30 40 50 60 70 80
1090 1100 1110 1120 1130 1140 1150
-TTTATGTAACATTTTGAAGACAGTATTCAGAAAAAATTTCTT--AATAAAATCAACTGAT
GAAGATG--GACCAAGAGACAGAAATTAATTTGTAATGATTCCTTTGGAATGTAATGATGATCAAG
90 100 110 120 130 140 150

1160 1170 1180 1190 1200 1210 1220
CCTTCAAAATGAACTGGTGGGAATTCATTTTCAATAT--ATTTCCTCTGTTTCTTGCTA
GC--CAGCTTT--AGCTTGT--GGAAAGTCCATAGTATGAGTGCATCTGTC--TTCCTTTC--TGCAG
160 170 180 190 200 210
CATATATATTAATACCTGACTAGGTGGTGGTTGAGGGTTATTA--CTT--TTCATTTTACCATG--CAG
TAGATATATGA--GGTAACCGAAGGCAATGTGCTCTTTGATAGAAAGCTTCTGTGTCATATCAGGAAT
220 230 240 250 260 270 280
1290 1300 X
TCCAAATCTAACT
TCCAGA--NAAAGTCC
290 300

16. US-09-759-143-916 (1-1302)
US-09-352-616A-8 Sequence 89, Application US/09352616A

Sequence 89, Application US/09352616A

Patent No. 6395278
GENERAL INFORMATION:

APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang, Yuqiu
APPLICANT: Xu, Jianshun
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
FILE OF INVENTION: OF PROSTATE CANCER AND METHODS FOR THEIR USE
CURRENT FILING DATE: 210121.427C8
CURRENT APPLICATION NUMBER: US/09/352,616A
NUMBER OF SEQ ID NOS: 472
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 89
LENGTH: 463
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(463)
OTHER INFORMATION: n = A,T,C or G

Initial Score = 82 Optimized Score = 205 Significance = 3.08
Residue Identity = 49% Matches = 248 Mismatches = 191
Gaps = 62 Conservative Substitutions = 0

590 600 610 620 630 640 650
CTGCCCTTCTGCGCTCCAAATATCTCTTCCCATTCCTACTGCTACACCAAGATGATGAGCTGGC--CT
GTGATGATATTC--CGGCTAATGTGCTATGAGCCCTTATC--GTCAATCAATCTCGGCATTTGGAGTCACT
GTGATGAAACCAATTTGGGCGAGAG--CTTGAGTTTATCAGTAGTATGAT--TGTGCAAG--TTGG--TGTG
30 40 50 60 70 80
730 740 750 760 770 780 790
TCTCATCTCTTCTCATATCTGCTTATTTCTTA--AGACTGTGTGGGCTTGAACGTAAGCCAG--GCC
TAACTGAGTATGTAAATGT--CAAAAAATTAGCAGA--GGTCTAGGCTGTGATTCAGCAG--ACAGTTTGT
90 100 110 120 130 140 150
790 800 810 820 830 840 850
AAGGATTTGCA--CTTGCGCTCTGATGATGTGTGTGCTGTGCTTATATTTCTATATAC--CTTTATTTGAT
CGTGATTTTGTAGCTTGAAGTTCTCA--GTGACAGTTNNTTGTGATGCGAAGTTTATTTCAAGTGT
160 170 180 190 200 210 220

```

860      870      880      890      900      910      920
-GTCCATGGGATGCTTTAGCAAGCGGCGTACTCTCCGCTGCCCGCCGATCTGGCCAAATATCTATGTC
AATCTCT--TGCAAT--CTTT--NATG--TTNAGACTTGCTCT--NTNAAAT--GCTTTGTTT--TCTGC
230      240      250      260      270      280

930      940      950      960      970      980      990
TGATTCCTCTCTG--GCTCAACCAATG-----TCTATGAGTGAAGACAAGAGATTCAGACGGCAT
AGGTTACTATCTGTGTTTAAACAATAGAAANACTTCTGCTTGAANA--TTGAATATCTTACATATNA
290      300      310      320      330      340      350

1000     1010     1020     1030     1040     1050     1060
CCTTCACCTTTCCATGTGGCCACACGCTTCAGAGCCCTAGGTGTCAGTGAATCAACTTTTCCATTC
AAT--NAAATTC--TCCCATANNAAAACCCAGCCCTTG--GANAAT--TTGAAAANGANT--CTTTC
360      370      380      390      400      410

1070     1080     1090     1100     1110     1120     1130
AGAGTCCCTGGA--TTCAGATTTTATGTTAATCAATTTGAGACAGATTCAGAAAAAATTTCTTAAT
NNAATTCNNANANTTCAAGTTCA--TACACANAAACGAGNCCC
420     430     440     450     460 X

1140     1150
AAAAATACAACTCAGATCCTTCAAA

```

17. US-09-759-143-916 (1-1302)

US-09-020-956-89 Sequence 89, Application US/09020956

Sequence 89, Application US/09020956
Patent No. 6261562

GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun
APPLICANT: Dillip, Davin C.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO
NUMBER OF SEQUENCES: 178
CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: WA
COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/020,956
FILING DATE: 09-FEB-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Maki, David J.

REGISTRATION NUMBER: 31,392

REFERENCE/DOCKET NUMBER: 210121.427C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 89:

SEQUENCE CHARACTERISTICS:

LENGTH: 463 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

ORGANISM: Homo sapiens

Initial Score = 82 Optimized Score = 205 Significance = 3.08

Residue Identity = 49% Matches = 248 Mismatches = 191
Gaps = 62 Conservative Substitutions = 0

```

590      600      610      620      630      640      650
CTGCCCTTTCGCGCTCCAAATATCCCTTCCACTCTACTGCTACACCAAGATGCAGAGCTGGC--CT
GATGATATATC--CGGGTCATATGCTATAGCCCTTATC--GTATCATCTCCGCAATGCGCTGACACT
660      670      680      690      700      710      720
GTATGATATATC--CGGGTCATATGCTATAGCCCTTATC--GTATCATCTCCGCAATGCGCTGACACT
GTATGATATATC--CGGGTCATATGCTATAGCCCTTATC--GTATCATCTCCGCAATGCGCTGACACT
730      740      750      760      770      780      790
TTCATCTCTCTCTCATATCTGTTATTTTAA--AGACTGTGTGGCTTGAACAGCTGAAGCCAG--GCC
TAACATGAGTATGTAAATGT--CAAAAATAGCAGA--GCTCAGGCTGCAATATCAGCAG--ACAGTTTGT
90      100      110      120      130      140      150

790      800      810      820      830      840      850
AAGCATTTGGCA--CTTGCTTCTTCATATGTGTGCTGTTCATATTTCTATGAC--CTTTCATGAT
AGTCTCT--TGCAAT--CTTT--NATG--TTNAGACTTGCTCT--NTNAAAT--GCTTTGTTT--TCTGC
160      170      180      190      200      210      220
CGGTATTTGTAGCCCTTGAAGTTTCA--GTGACAGTTNNTTCTGATCGAAGTCTTAAATTCAGGTGTTT
170      180      190      200      210      220

860      870      880      890      900      910      920
-GTCCATGGGATGCTTTAGCAAGCGGCGTACTCTCCGCTGCCCGCCGATCTGGCCAAATATCTATGTC
AGTCTCT--TGCAAT--CTTT--NATG--TTNAGACTTGCTCT--NTNAAAT--GCTTTGTTT--TCTGC
230      240      250      260      270      280

930      940      950      960      970      980      990
TGATTCCTCTCTG--GCTCAACCAATG-----TCTATGAGTGAAGACAAGAGATTCAGACGGCAT
AGGTTACTATCTGTGTTTAAACAATAGAAANACTTCTGCTTGAANA--TTGAATATCTTACATATNA
290      300      310      320      330      340      350

1000     1010     1020     1030     1040     1050     1060
CCTTCACCTTTCCATGTGGCCACACGCTTCAGAGCCCTAGGTGTCAGTGAATCAACTTTTCCATTC
AAT--NAAATTC--TCCCATANNAAAACCCAGCCCTTG--GANAAT--TTGAAAANGANT--CTTTC
360      370      380      390      400      410

1070     1080     1090     1100     1110     1120     1130
AGAGTCCCTGGA--TTCAGATTTTATGTTAATCAATTTGAGACAGATTCAGAAAAAATTTCTTAAT
NNAATTCNNANANTTCAAGTTCA--TACACANAAACGAGNCCC
420     430     440     450     460 X

1140     1150
AAAAATACAACTCAGATCCTTCAAA

```

18. US-09-759-143-916 (1-1302)

US-08-904-804-30 Sequence 30, Application US/08904804

Sequence 30, Application US/08904804
GENERAL INFORMATION:

APPLICANT: Xu, Jiangchun

APPLICANT: Dillip, Davin C.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO

NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: WA

COUNTRY: USA

ZIP: 98104

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk


```

CTCAAGTGTGGAACACAC--CATGAAGGGCTCAAGTGTGCTTCAACCACTATACGAATTGTAGGA
540      550      560      570      580      590      600
TTC-CACATAC--CATCCAGTTTGTGCTG--TACAGATG--TTTGGCATCCACTCTTATCTGGCAT
360      370      380      390      400      410
CTCACCTTACTTCAAGGAACAGGCTTCCCATCTTGTTCATGACATGACATGACACACACCA
610      620      630      640      650      660      670
420      430      440      450      460      470      480
GGAATCCACATGCTGTGAC--CATGCTTTTGAACCGGTATGAGCCATG--TCAACCA--CTGGCCATG
680      690      700      710      720      730      740
TGAACCC---TGAACCAAGGAAGGCTCAACCAAGTAAAGTAAAGTAAAGTAAAGTAAAGTAAAG
490      500      510      520      530      540      550
CCA-CAGTACTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
750      760      770      780      790      800
ACATCCGAACCTAA---TGC---AGTACCGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG
560      570      580      590      600      610      620
GCACCCCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
810      820      830      840      850      860
GCTGCGATGATGTCAT---GTATCTG---TACTGCAATCTACATATAGTCACTTC--TGGCT-CTGC
630      640      650      660      670      680      690
CTACACCAAGATGTCATGAGAGCTGCGCTGTGATGA--TATCCGGGTCA--TGTGCTTATGACCTTATGCT
870      880      890      900      910      920      930
CACTAC--TGCCTGCCA--CATG--GGAATCTGAAGAGGACCTTG--CAAGCAGCAGATTTGGGGGAGGGA
700      710      720      730      740      750      760
CATATCTCCGCCAT--TGGCTGACCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
940      950      960      970      980      990
CAGATCT--AACATGTCATTTGGGC--CAGATGGA--CTTGGCC--TTTCTGCTCAGACTTGGGCT--AG
770      780      790      800      810      820      830
TTGGGCTTGAACCTTAAGCCAGCCAGCCAGCATT--TGGCACTTGGCTCTCTCTCTCTCTCTCTCTCT
1000      1010      1020      1030      1040      1050      1060
ATAAGGACCACTCTCTTGAAGGATGCC--TGAATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
840      850      860      870      880      890
ATA--TTCTA-TGTACCTTTA--TTGATTTTCCATGATGATGCTTTAGCAAGCGGCTGA-CTCTCCGC
1070      1080      1090      1100      1110      1120      1130
AGAGCCCTTGAAGTAC--CAGTTCTGTGCTCAT--TCCCCAGTCTATTAAAC--CTTGATATGCCCCC
900      910      920      930      940      950      960
TGCCCCCATCTTG--GCCAAT-ATCTATCTGCTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
1140      1150      1160      1170      1180      1190      1200
TAGGCTTAGTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT
970      980      990      1000      1010      1020      1030
TGAAGACAAAGAGATTCAGACAGGCTCTTGA---CTTTTCATGTGCCACACAGCTTCAAGAGCCCT
1210      1220      1230      1240      1250      1260      1270
TGAATACAGCAGAGCTTC--TGGTGAAGTGTAGAGGCACTTAATG--CATTAACCTGTTACATGTT
1040      1050      1060      1070      1080      1090      1100
AGGTGCAAGTATCAATCTTTCTTCATTCAGAGTCTCTGATTTCAATTTAATGTTAAATTTT
1280
AAAAAAAAAAAAAA
X

```